

# Protocole National de Diagnostic et de Soins

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## Maladie de KAWASAKI



2021

Ce PNDS a été rédigé sous l'égide de :

Centre de Référence des Maladies Auto-inflammatoires et de l'Amylose inflammatoire CeRéMAIA

Sous l'égide de la Filière des maladies auto-immunes et auto-inflammatoires rares FAI<sup>2</sup>R

## Liste des personnes ayant collaboré à la rédaction du PNDS « Maladie de Kawasaki »

Ce PNDS a été coordonné par le Docteur Caroline GALEOTTI et par le Professeur Isabelle KONE-PAUT

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### Déclarations d'intérêt

Tous les participants à l'élaboration du PNDS ont rempli une déclaration d'intérêt. Les déclarations d'intérêt sont en ligne et consultables sur le site internet du(des) centre(s) de référence.

## Objectifs du protocole national de diagnostic et de soins

L'objectif de ce protocole national de diagnostic et de soins (PNDS) est d'expliciter aux professionnels concernés la prise en charge diagnostique et thérapeutique optimale actuelle et le parcours de soins d'un patient atteint de maladie de Kawasaki. Il a pour but d'optimiser et d'harmoniser la prise en charge et le suivi de la maladie rare sur l'ensemble du territoire. Il permet également d'identifier les spécialités pharmaceutiques utilisées dans une indication non prévue dans l'Autorisation de mise sur le marché (AMM) ainsi que les spécialités, produits ou prestations nécessaires à la prise en charge des patients mais non habituellement pris en charge ou remboursés.

Ce PNDS peut servir de référence au médecin traitant (médecin désigné par le patient auprès de la Caisse d'assurance maladie) en concertation avec le médecin spécialiste notamment au moment d'établir le protocole de soins conjointement avec le médecin conseil et le patient, dans le cas d'une demande d'exonération du ticket modérateur au titre d'une affection hors liste.

Le PNDS ne peut cependant pas envisager tous les cas spécifiques, toutes les comorbidités ou complications, toutes les particularités thérapeutiques, tous les protocoles de soins hospitaliers, etc. Il ne peut pas revendiquer l'exhaustivité des conduites de prise en charge possibles, ni se substituer à la responsabilité individuelle du médecin vis-à-vis de son patient. Le protocole décrit cependant la prise en charge de référence d'un patient atteint de maladie de Kawasaki. Il doit être mis à jour en fonction des données nouvelles validées.

Le présent PNDS a été élaboré selon la « Méthode d'élaboration d'un protocole national de diagnostic et de soins pour les maladies rares » publiée par la Haute Autorité de Santé en 2012 (guide méthodologique disponible sur le site de la HAS : [www.has-sante.fr](http://www.has-sante.fr)).

## Méthode de travail

Le présent PNDS a été élaboré selon la « Méthode d'élaboration d'un protocole national de diagnostic et de soins pour les maladies rares » publiée par la Haute Autorité de Santé en 2012 (guide méthodologique disponible sur le site de la HAS : [www.has-sante.fr](http://www.has-sante.fr)).

Une réunion de mise en place en visioconférence avec les coordinatrices a permis de déterminer le plan du PNDS, la liste des rédacteurs pour chacune des parties/spécificités du PNDS ainsi que la liste des relecteurs.

Durant la phase de rédaction, chaque rédacteur a réalisé une analyse de la littérature en langue anglaise et française avant de rédiger la partie du PNDS correspondante.

A l'issue de la rédaction, toutes les parties du PNDS ont été assemblées puis homogénéisées par les coordinatrices.

Durant la phase de relecture, chacun des rédacteurs et relecteurs a commenté la première version du PNDS.

A l'issue de la relecture, les coordinatrices ont pris en compte tous les commentaires pour produire la deuxième version du PNDS.

Une journée et demi de finalisation s'est enfin tenue (en visioconférence), où tous les rédacteurs et relecteurs étaient conviés, afin de refaire une revue complète et collégiale du texte pour en produire une version finalisée à publier.

**Tableau 1. Recommandations de bonne pratique**

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Auteur, année, référence, pays	Objectif	Stratégie de recherche bibliographique renseignée (Oui / Non)	Recueil de l'avis des professionnels (Oui / Non ; Lesquels)	Recueil de l'avis des patients (Oui / Non)	Populations et techniques (ou produits étudiés)	Résultats (avec grade des recommandations si disponible)
Brogan, 2020, (17), GB	Recommandations de suivi cardiovasculaire au long cours après une MK	Oui	Oui : experts britanniques	Non	Non	Guidance on the long-term management of patients who have vascular complications of KD and guidance on the emergency management of acute coronary complications.
Cecconi, 2014, (27), GB	Consensus sur la prise en charge du choc hémodynamique	Oui	Oui : 12 experts - approche DELPHI	Non	Non	This consensus provides 44 statements that can be used at the bedside to diagnose, treat and monitor patients with shock.

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De Graeff, 2019, (46), Europe	Recommandations européennes sur le diagnostic et la prise en charge de la MK	Oui	Oui : 17 experts	Non	Non	The Single Hub and Access point for paediatric Rheumatology in Europe initiative provides international evidence-based recommendations for diagnosing and treating KD in children, facilitating improvement and uniformity of care.
Expert Panel on Integrated Guidelines for Cardiovascular Health and Risk Reduction in Children and Adolescents, 2011, (57)	Recommandations sur la prise en charge cardiovasculaire des enfants et adolescents	Oui	Oui : groupe d'experts	Non	Non	Recommandations gradées sur la prise en charge cardiovasculaire des enfants et adolescents
Fukazawa, 2020, (64), Japon	Recommandations sur le diagnostic et la prise en charge des complications cardiovasculaire de la MK au long cours	Oui	Oui : groupe d'experts	Non	Non	Recommandations sur le diagnostic et la prise en charge des complications cardiovasculaire de la MK au long cours

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McCrindle, 2017, (112), International	Recommandations sur le diagnostic, la prise en charge et le suivi au long cours de la MK	Oui	Oui : groupe d'experts	Non	Oui	These recommendations provide updated and best evidence-based guidance to healthcare providers who diagnose and manage Kawasaki disease, but clinical decision making should be individualized to specific patient circumstances.
Newburger, 2004, (124), USA	Recommandations sur le diagnostic, la prise en charge et le suivi au long cours de la MK	Oui	Oui : groupe d'experts	Non	Oui	Recommendations for the initial evaluation, treatment in the acute phase, and long-term management of patients with Kawasaki disease are intended to assist physicians in understanding the range of acceptable approaches for caring for patients with Kawasaki disease.

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Ozen, 2006, (134), GB	Critères de classification des vascularites pédiatriques	Oui	Oui : groupe d'experts, méthode Delphi	Non	Oui	Final criteria were developed to classify a child as HSP, KD, childhood PAN, WG, or TA, with changes introduced based on paediatric experience.
Ravelli, 2016, (143), Europe	Critères de SAM au cours de l'AJI systémique	Oui	Oui : groupe d'experts	Non	Oui	We have developed a set of classification criteria for MAS complicating systemic JIA and provided preliminary evidence of its validity.

Tableau 2. Revues systématiques de la littérature

Auteur, année, référence, pays	Objectif	Méthodologie, niveau de preuve	Population	Intervention	Critères de jugement	Résultats et signification
Altammar, 2018, (7), Canada	MK chez les nouveaux-nés	Oui	Oui	NA	MK durant la période néonatale	Importance of considering the diagnosis of KD in the first month of life, as appropriate treatment can result in resolution of symptoms and a decreased risk of cardiac complications.
Bayers, 2013, (14), USA	Mise au point sur la MK aux USA	Non	Non	NA	NA	Focus on the epidemiology of Kawasaki disease in the United States as it relates to other countries, the diagnosis of Kawasaki disease, its clinical course, and the currently accepted theories of pathogenesis. A particular focus is given to the various dermatologic manifestations that may occur.
Chen, 2016, (33), Taïwan	Efficacité des corticoïdes au cours de la MK (méta-analyse)	Oui	2746 patients	NA	Pourcentage d'anomalies coronaires	This study highlights the importance of timing to prevent coronary artery complication in treating KD. High-risk patients with KD benefit greatly from a timely and potent adjunctive corticosteroid therapy strategy.

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Auteur, année, référence, pays	Objectif	Méthodologie, niveau de preuve	Population	Intervention	Critères de jugement	Résultats et signification
Chen, 2013, (34), Taïwan	Efficacité des corticoïdes + IgIV au cours de la MK (méta-analyse)	Oui	1011 patients	NA	Pourcentage d'anomalies coronaires	Combination of corticosteroid with the conventional regimen of IVIG as an initial treatment strategy could reduce the risk of coronary abnormality.
Eleftheriou, 2014, (55), GB	Mise au point sur la prise en charge de la MK	Oui	Non	NA	NA	This paper summarises recent advances in the understanding of KD pathogenesis and therapeutics, and provides an approach for managing KD patients in the UK in the light of these advances.
García-Pavón, 2017, (68), Mexique	SAM et MK ; revue de la littérature	Oui	Oui	Non	NA	The persistence of fever with splenomegaly, hyperferritinemia, thrombocytopenia, and elevated aspartate aminotransferase (AST) should prompt the consideration of MAS complicating KD.
Jia, 2020, (78), Chine	Efficacité aspirine au cours de la phase aigüe de la MK : méta-analyse	Oui	Oui	Aspirine low-dose ou high-dose + IgIV	Efficacité	Low-dose aspirin plus IVIG might be as effective as high-dose aspirin plus IVIG for the initial treatment of Kawasaki disease. Considering that high-dose aspirin may cause more adverse reactions than low-dose aspirin, low-dose aspirin plus IVIG should be recommended as the first-line therapy in the initial treatment of Kawasaki disease.

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Auteur, année, référence, pays	Objectif	Méthodologie, niveau de preuve	Population	Intervention	Critères de jugement	Résultats et signification
Jindal, 2019, (80), Inde	Revue de la littérature sur les formes atypiques et incomplètes de MK	Oui	Oui	Non	NA	Diagnosis of KD is essentially clinical and based on recognition of typical clinical features that may appear sequentially and all signs and symptoms may not be present at one point of time. There is no confirmatory laboratory test for diagnosis of this condition. Further complicating the picture is the fact that incomplete and atypical forms KD may be seen in up to 50% patients.
Kim, 2019, (87), Corée	Mise au point sur l'épidémiologie de la MK	Oui	Oui	NA	NA	Knowing the true epidemiology of KD in each country and the availability of publications of KD epidemiology also could benefit general health care providers and general population.
Lin, 2015, (99), Taïwan	BNP et MK	Oui	Oui	NA	Performance du BNP dans le diagnostic de MK	Current evidence suggests that NT-proBNP may be used as a diagnostic tool for KD. NT-proBNP has high diagnostic value for identifying KD in patients with protracted undifferentiated febrile illness.

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Auteur, année, référence, pays	Objectif	Méthodologie, niveau de preuve	Population	Intervention	Critères de jugement	Résultats et signification
Piram, 2021, (138), Canada-France	Peau et MK	Non	Non	NA	NA	We review the skin manifestations described for KD and perform an overview of pathophysiological advances and new treatments.
Piram, 2012, (139), France	Mise au point sur la MK	Non	Non	NA	NA	Mise au point sur la MK en 2012
Smith, 2014, (159), Canada	Revue de la littérature sur la surdité au cours de la MK	Oui	Oui	NA	NA	This systematic review would suggest there is an association between KD and SNHL.
Tirelli, 2020, (173), Italie	Mise au point sur la MK	Non	Non	NA	NA	Mise au point sur la MK en 2020
Uehara, 2012, (179), Japon-USA	Epidémiologie de la MK	Non	Non	NA	NA	The purpose of this review is to describe the epidemiologic features of  KD—particularly its incidence, seasonality, and the occurrence of coronary artery abnormalities—primarily in Japan  and the United States, but also in Europe and other Asian countries.
Yan, 2019, (193), Chine	Revue de la littérature des facteurs de risque d'anévrismes	Oui	Oui	NA	Anévrismes coronaires	We report four risk factors for CAA and a protective factor against CAA in children with KD.

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Auteur, année, référence, pays	Objectif	Méthodologie, niveau de preuve	Population	Intervention	Critères de jugement	Résultats et signification
	coronaires au cours de la MK					

Tableau 3. Etudes cliniques

Auteur, année, référence, pays	Objectif	Méthodologie, niveau de preuve	Population	Intervention	Critères de jugement	Résultats et signification
Ae, 2020, (2), Japon	Etude descriptive de la MK	Etude rétrospective	32528 patients	NA	NA	The annual number of patients developing Kawasaki disease in Japan increased from 1970 through 2018, whereas the proportion of patients with Kawasaki disease with cardiac complications decreased in the most recent 2 decades. Early diagnosis of Kawasaki disease as well as advances in initial treatments could explain these findings.
Akagi, 1990, (4), Canada	Atteinte cardiaque valvulaire au cours de la MK	Etude rétrospective	1215 patients	NA	NA	We postulate that two different mechanisms may be responsible for the variation in the duration of valvular heart disease: one, which disappeared spontaneously, was attributed to pancarditis; the other, which persisted, was due to dysfunction in valve and papillary muscles as a result of ischemia.
Akagi, 1992, (5), Canada	Atteinte coronaire au décours de la MK	Etude rétrospective	583 patients	NA	NA	These findings suggest that the severity of coronary artery involvement during the initial stages of Kawasaki disease influences the regression of these lesions, and that immune globulin treatment may improve outcome by reducing the incidence of severe lesions.
Alves, 2011, (8), Brésil	Complications au cours de la MK	Etude prospective	115 patients	NA	NA	KD may progress with several complications even within months of the disease acute phase, eventually resulting in permanent

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Auteur, année, référence, pays	Objectif	Méthodologie, niveau de preuve	Population	Intervention	Critères de jugement	Résultats et signification
						sequelae. The earlier the diagnosis and therapeutic intervention with IV IgG administration are, the lower will be the occurrence of complications.
Bajolle, 2012, (11), France	Efficacité de l'ETP sur l'équilibre de l'INR en pédiatrie	Etude prospective	104 patients	ETP sur les AVK	Durée avec INR en zone thérapeutique, effets indésirables et adhésion au ttt	This non-selective child-focused EP for VKA therapy, strongly supported by our dedicated game, is useful in maintaining efficacy, safety and compliance to anticoagulation and its monitoring.
Baker, 2003, (12), USA	Qualité de vie au cours de la MK	Etude prospective descriptive	201 patients	Auto-questionnaires	NA	KD patients without coronary artery aneurysms were similar to the general population in their general physical and psychosocial health. However, the parents of children in all KD groups reported lower general health perceptions than parents in the US population sample, suggesting that long-term concerns about their children's health exist regardless of overall health status. In addition, children with giant coronary artery aneurysms had lower overall physical summary scores.
Banks, 2012, (13), Canada	Activité physique au cours de MK	Etude prospective descriptive	27 patients et 27 contrôles	NA	NA	Physical activity counseling should be a focus of management for children with a history of KD.

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Bratincsak, 2012, (16), USA	Anévrisme coronaires au cours de la MK	Etude prospective bi-centrique	145 patients et 45 contrôles (enfants avec fièvre)	Echographie cardiaque	Mesure des coronaires	Echocardiographic evidence of coronary artery dilation can be used to support the diagnosis of KD. No febrile child had a coronary artery Z-score $\geq 2.5$ SD units.
Burns, 1984, (19), USA	Coagulopathie et risque d'anévrisme coronaire au cours de la MK	Etude prospective	31 patients	Etude de la coagulation et de l'activation plaquettaire	Présence d'anévrisme coronaire	An elevated Plasma beta-thromboglobulin (BTG) during the first 3 weeks after onset of fever was highly associated with aneurysm formation in our patients ( $P$ less than 0.007). No aneurysms occurred in patients with a normal BTG value.
Burns, 1985, (20), USA	Uvéite antérieure et MK	Etude prospective	41 patients	Examen ophtalmologique	Présence d'uvéite antérieure	Slit lamp examination may be a helpful clinical tool in identifying patients with Kawasaki syndrome, and uveitis should be considered for inclusion in the Centers for Disease Control case definition of Kawasaki syndrome.
Burns, 1991, (21), USA	Caractéristiques au diagnostic de la MK	Etude de comparaison de cas, multicentrique	280 patients et 42 contrôles	NA	NA	(1) Measles and streptococcal infection should be excluded in patients examined for possible KD. (2) Laboratory studies that may be useful in discriminating patients with KD from those with alternative diagnoses include hemoglobin concentration, erythrocyte sedimentation rate, and serum alanine aminotransferase activity.
Burns, 1996, (22), USA	Description des séquelles de la MK	Etude rétrospective	74 patients	NA	NA	The acute vasculitis of Kawasaki disease can result in coronary artery damage and rheologic changes

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						predisposing to thrombus formation or progressive atherosclerotic changes that may remain clinically silent for many years. Coronary artery aneurysms and calcification on chest radiography were unusual features in this group of patients. A history of antecedent Kawasaki disease should be sought in all young adults who present with acute myocardial infarction or sudden death.
Cai, 2011, (23), Chine	Caractéristiques de la MK chez les grands enfants	Etude rétrospective	113 patients	NA	NA	For some reasons, KD in older children was difficult in early diagnosis and treatment. Also, older children may have a more marked inflammatory response and those treated with IVIG were more likely to require repeated IVIG treatment. And probably because of all these, older patients with KD had a higher prevalence of coronary artery abnormalities than the younger patients.
Capannari, 1986, (24), USA	Se, Sp et VPP de l'ETT dans la détection des anévrismes coronaires de la MK	Etude rétrospective	77 patients	ETT	Anévrismes coronaires	Two-dimensional echocardiography is a sensitive and specific test for detecting aneurysms in the proximal portions of both the right and left coronary arteries, and is useful in selecting patients for invasive investigation with selective coronary arteriography.

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Carbone, 2011, (25), Italie	Intérêt de l'angioscanner pour le suivi coronaire de la MK	Etude prospective	12 patients	Artériographie initiale puis angioscanner	Comparaison des 2 techniques	In an adequately selected patient population, the role of CCA could be limited almost only to therapeutic procedures.
Carlton-Conway, 2005, (26), GB	Séquelles comportementales après une MK	Etude prospective	65 patients et 40 contrôles	Autoquestionnaires		Kawasaki disease can be associated with significant behavioural sequelae. This is an important consideration in the long-term follow up and referral to a clinical psychologist may be necessary in selected patients.
Chahal, 2010, (29), Canada	Expérience des parents au cours de la MK	Etude rétrospective	25 parents de 17 patients	Entretiens, questionnaires	Mesure de l'anxiété parentale	There remains a critical need for richly textured research data on the perspective and experience of families of children with KD.
Chang, 2014, (30), Taïwan	Infections virales et MK	Etude prospective	226 patients et 226 contrôles	PCR virales		We found that some common respiratory viruses, such as adenoviruses, enteroviruses, rhinoviruses, and coronaviruses, were associated with KD cases.
Chen, 2012, (32), Taïwan	Echographie vésiculaire et résistance aux IgIV au cours de la MK	Etude rétrospective	77 patients	Echographie vésiculaire	Résistance aux IgIV	Sonographic gallbladder abnormalities are associated with higher CRP, GPT, neutrophil and IVIG resistance in KD. It can be used as a predictor of IVIG resistance in patients with KD.
Cherqaoui, 2021, (35), France	Description des différences entre PIMS et MK	Etude rétrospective	425 MK et 404 PIMS	NA	NA	On clinical grounds, KD-HIS, KD-ICU and PIMS might belong to a common spectrum of non-specific pathogen-triggered hyperinflammatory states. The causes of increasing inflammation severity within the three entities

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						and the different effects on the heart remain to be determined.
Cheung, 2004, (36), Chine	FDRCV après MK	Etude prospective	37 patients MK avec anomalies coronaires, 29 patients MK sans anomalies coronaires, 36 contrôles	NA	Présence de FDRCV	An adverse cardiovascular risk profile, as characterized by a proatherogenic alteration of the lipid profile and increased arterial stiffness, occurs in children after KD. The profile is worse in those with than in those without coronary aneurysms.
Choi, 2015, (37), Corée	Comparaison des patients MK avec ou sans uvéite	Etude prospective	110 patients (32 avec uvéite)	NA	Caractéristiques cliniques et paracliniques	Uveitis is an important ocular sign in the diagnosis of incomplete KD. It is significantly associated with patient age and neutrophil count.
Chuang, 2016, (40), Taïwan	Insuffisance rénale aigue au cours de la MK	Etude prospective	332 patients	NA	Survenue d'une IRA	This study demonstrated that AKI exists in substantial proportion of patients with KD. Young age and high alanine transaminase level are the main associated factors for AKI in these patients.
Crystal, 2008, (41), Canada	Suivi ECG et ETT après une MK	Etude prospective	176 patients	ECG et ETT x3 dans l'année après le diagnostic		While systolic ventricular dysfunction may not be evident, subclinical myocardial involvement may be indicated by subtle ventricular dilation and repolarization abnormalities.
Dallaire, 2011, (42), Canada	Elaboration de nouvelles équations de mesure du Z-score des coronaires	Etude prospective	1033 enfants sains	ETT		This study shows two valid methods to estimate Z scores for CA size in children of all ages. Such Z scores are important for risk stratification in patients with Kawasaki disease.

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Davies, 2015, (44), GB	Prédiction de la résistance aux IgIV	Etude rétrospective	78 patients	NA	NA	The KS does not predict IVIG resistance or CAA in our population.
Dengler, 1998, (48), USA	Etude du LCR au cours de la MK	Etude rétrospective	46 patients	NA	Paramètres us LCR	In the present series approximately one-third of KD patients who underwent an LP had CSF pleocytosis with a mononuclear cell predominance. No patient had significant hypoglycorrachia, and elevation of the CSF protein was uncommon. CSF abnormalities were similar between US and Japanese KD patients. The basis for the CSF pleocytosis in acute KD patients remains unknown.
Dominguez, 2008, (49), USA	Caractéristiques des patients MK admis en soins intensifs	Etude cas-contrôle	423 patients	NA	Caractéristiques cliniques et paracliniques	Patients who have Kawasaki disease and are admitted to the ICU are at increased risk for intravenous immunoglobulin-refractory disease and may be at risk for development of more severe coronary artery disease.
Downie, 2017, (50), Canada	Facteurs de risque d'anévrismes coronaires au cours de la MK	Etude rétrospective	1358 patients	NA	Anévrismes coronaires	Factors associated with the development of CA aneurysms are generally similar for those treated promptly versus those with delayed or no treatment. For those with delayed diagnosis, treatment with IVIG does not appear to be effective to prevent CA aneurysms.
Egami, 2006, (52), Japon	Score de prédiction de la résistance aux	Etude rétrospective	2180 patients	NA	Résistance aux IgIV	Resistance to IVIG treatment can be predicted using age, illness days, platelet count, ALT, and CRP.

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	IgIV au cours de la MK					Randomized, multicenter clinical trials are necessary to create a new strategy to treat these high-risk patients.
Eladawy, 2011, (53), USA	Anomalies du bilan hépatique au cours de la MK	Etude rétrospective	259 patients	NA	Réponse thérapeutique	Abnormalities of LFTs (liver function test) are frequently found in patients with acute KD and children with abnormal LFTs were at higher risk for IVIG resistance.
Fabi, 2018, (58), Italie	Atteinte digestive au cours de la MK	Etude rétrospective	302 patients	NA	Evolution	This is the first multicenter report demonstrating that presenting gastrointestinal features in KD identify patients at higher risk for IVIG-resistance and for the development of coronary aneurysms in a predominantly Caucasian population.
Fernandez-Cooke, 2019, (59), Espagne	Description de la MK en Espagne	Etude rétrospective	625 patients	NA	Résistance aux IgIV et anévrismes coronaires	In our population, children under 12 months develop coronary aneurysms more frequently and children with KD with anemia and leukocytosis have high risk of cardiac involvement. Adding steroids early should be considered in those patients, especially if the treatment is not started before 8 days of fever. A score applicable to non-Japanese children able to predict the risk of aneurysm development and IVIG resistance is necessary.

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Auteur, année, référence, pays	Objectif	Méthodologie, niveau de preuve	Population	Intervention	Critères de jugement	Résultats et signification
Fraison, 2016, (61), France	MK de l'adulte en France	Etude rétrospective	43 patients	NA	Caractéristiques cliniques et paracliniques	Given the high frequency of cardiac involvement and complications in this series of AKD, diagnosis and treatment should not be delayed, and early IVIg treatment seems to improve the outcome.
Fujino, 2014, (62), Japon	Repolarisation ventriculaire au cours de la MH	Etude prospective	34 patients	IgIV	Etude de la repolarisation ventriculaire	Tp-e/QT was strongly related to transient coronary dilation, in comparison with inflammatory indicators including fever and CRP level.
Fujiwara, 1987, (63), Japon	Etude coronaire autopsique au cours de la MK	Etude autopsique	61 patients	NA	Etude coronaire	Twenty-three of 26 children with a coronary aneurysm 8 mm or larger had multivessel coronary aneurysms.
Furuyama, 2003, (65), Japon	TEP cardiaque au cours de la MK	Etude prospective	27 patients	TEP cardiaque		Our study indicates impaired MFR and endothelial function regardless of coronary artery status after KD.
Gámez-González, 2013, (66), Mexique	Description des MK en choc au Mexique	Etude rétrospective	214 patients	NA	Caractéristiques cliniques et paracliniques	Patients with KD presenting in shock seem to have an increase in gastrointestinal manifestations, incomplete presentation, IVIG resistance, and worse cardiac outcomes.
Hoshino, 2015, (72), Japon	Devenir à long terme des anévrismes de la MK	Etude rétrospective	20 patients	NA	Caractéristiques cliniques et vasculaires	SAAs occurred symmetrically and were multiple in younger infants and those with severe acute vasculitis. The fate of SAAs resembles that of coronary artery aneurysms, and depends on the diameter during the acute phase. Larger SAAs can lead to stenotic lesions in the late period.

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Huang, 2008, (74), Taïwan	Néphromégalie au cours de la MK	Etude prospective	20 patients et 15 contrôles	Echographie rénale	Taille des reins	These results confirm the presence of large kidneys in children with KD. Our data also suggest that an elevated HGF/TGF-beta1 ratio may be responsible for the transient nephromegaly in these children.
Iemura, 2000, (75), Japon	Devenir à long terme des anévrismes coronaires de la MK ayant régressé	Etude rétrospective	27 patients et 6 contrôles	NA	Caractéristiques cliniques et angiographiques	There is evidence of persisting abnormal vascular wall morphology and vascular dysfunction at the site of regressed coronary aneurysms in patients with previous Kawasaki disease. These patients should be counselled to avoid potential risk factors for atherosclerosis, and long term follow up is needed into adult life.
Jaggi, 2013, (77), USA	Infection adénovirus humain au cours de la MK	Etude prospective	77 patients	PCR	Résultat PCR	In KD, molecular-based HAdV detection is not uncommon, may represent persistence of HAdV-C, and should be interpreted with caution. Together, quantitative polymerase chain reaction and HAdV typing may aid in distinguishing HAdV disease mimicking KD from KD with concomitant HAdV detection.
Kamiyama, 2018, (82), Japon	Transition et MK	Etude prospective	48 experts de la MK	Questionnaire	Conditions de la transition	Adult cardiologists began managing patients with CAL after KD in more than half of the institutes in this study. Pediatricians should construct a support program for better management of these patients and for cooperation with

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						cardiologists to prevent loss to follow up.
Kanegaye, 2013, (83), USA	Description de la forme atypique de MK (ganglionnaire)	Etude prospective	57 patients + 78 contrôles avec hémopathie + 287 contrôles avec MK typique	NA	Caractéristiques cliniques, biologiques et devenir	High ABC and CRP values and multiple enlarged solid nodes in febrile patients with cervical adenopathy should prompt consideration of NFKD to prevent delayed diagnosis of KD. Retropharyngeal edema on radiography should not dissuade from the diagnosis of NFKD.
Kato, 2012, (85), Japon	Scanner au cours de la MK avec adénopathies cervicales	Etude rétrospective	12 patients	Scanner cervical	Caractéristiques cliniques, biologiques et scannographiques	Cervical lymphadenopathy in Kawasaki disease usually showed unilateral distribution predominantly at levels II, III, and V with perinodal infiltration occasionally accompanied by retropharyngeal hypodense area, peritonsilar hypodense area, and enlarged tonsils.
Kemmotsu, 2011, (86), Japon	Méningite aseptique post-IVIG au cours de la MK	Etude rétrospective	384 patients	NA	Caractéristiques cliniques, biologiques et devenir	In our patients with Kawasaki disease, aseptic meningitis induced by IVIG occurred within 48 hours after initiation of IVIG, resolved within a few days, and resulted in no neurological complications, even in patients who did not receive medical treatment.
Kim, 2012, (88), Corée	Co-infections par virus respiratoire au cours de la MK	Etude prospective	55 patients + 78 contrôles	RT-PCR	Caractéristiques cliniques, biologiques et devenir	A positive RT-PCR for currently epidemic respiratory viruses should not be used as an evidence against the diagnosis of KD. These viruses were not associated with the

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						incomplete presentation of KD and coronary artery dilatation.
King, 2000, (91), Canada	Effet de la MK sur les compétences cognitives et comportementales	Etude de cohorte	22 patients	Tests psychométriques	Performances psychométriques	While no effect on cognitive development or academic performance was demonstrated, these results provide preliminary indication of a post-Kawasaki disease deficit in internalizing and attentional behavior.
Kobayashi, 2016, (92), Japon	Détermination de Z-score pour les artères coronaires	Etude prospective	3851 enfants sains	Echographie cardiaque	Mesures des coronaires	Novel LMS models with which to estimate the sex-specific Z score of each internal coronary artery diameter were generated and validated using a large pediatric population.
Kobayashi, 2006, (93), Japon	Modèle prédictif de résistance aux IgIV au cours de la MK	Etude rétrospective	546 patients puis 204 patients (cohorte de validation)	NA	Caractéristiques cliniques, biologiques et devenir	Our predictive models showed high sensitivity and specificity in identifying IVIG nonresponders among KD patients.
Kobayashi, 2012, (94), Japon	Efficacité IgIV+CT pour prévenir les anévrismes coronaires au cours de la MK	Etude prospective	248 patients	IgIV ou IgIV+CT	Caractéristiques cliniques, biologiques et devenir	Addition of prednisolone to the standard regimen of intravenous immunoglobulin improves coronary artery outcomes in patients with severe Kawasaki disease in Japan.
Lin, 2015, (100), Taïwan	Diagnostic différentiel entre KDSS et TSS	Etude rétrospective	17 KDSS et 16 TSS	NA	Caractéristiques cliniques, biologiques et devenir	Echocardiography, anemia and thrombocytosis are useful early differentiating features between KDSS and TSS patients.
Loh, 2019, (102), Singapour	BCG et MK	Etude rétrospective	661 patients	NA	Réaction au site d'injection du BCG	BCG site reaction or induration is a useful clinical clue for the diagnosis of KD in both infants and older

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						children, with a higher prevalence in infants.
Mammadov, 2020, (104), Chine	Bilan hépatique et MK	Etude rétrospective	210 patients	NA	Caractéristiques cliniques, biologiques	Hepatic dysfunction is a common complication during the acute KD episode, characterized by elevated serum liver enzymes, hypoalbuminemia and hyperbilirubinemia. Systemic inflammation and aspirin, rather than infectious agents, are both the major contributors of hepatic dysfunction secondary to KD. A lower A/G serves as an independent predictor of CAAs.
Manlhiot, 2010, (105), Canada	Classification des anévrismes coronaires de MK selon le Z-Score	Etude rétrospective	1356 patients	NA	Mesures coronaires	This classification seems to appropriately apply to the circumflex branch despite a lack of normal values for this branch. The current AHA classification might not accurately classify CAAs in KD patients.
McCredie, 2007, (111), Canada	Anomalies coronaires au cours de la MK	Etude prospective	190 patients	ETT	Caractéristiques cliniques, biologiques et mesures coronaires	Analyses of serial normalized coronary artery measurements in optimally treated Kawasaki disease patients demonstrated that for most patients, measurements are greatest at baseline and subsequently diminish; baseline measurements appear to be good predictors of involvement during early follow-up. When a more precise assessment is used, risk factors for coronary artery involvement are similar to those

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Auteur, année, référence, pays	Objectif	Méthodologie, niveau de preuve	Population	Intervention	Critères de jugement	Résultats et signification
						defined with arbitrary dichotomous criteria.
Minich, 2007, (114), Canada-USA	Facteurs de risque de retard diagnostique au cours de la MK	Etude rétrospective	589 patients	NA	Caractéristiques cliniques, biologiques	These findings underscore the need to maintain a high index of suspicion of Kawasaki disease in the infant who is younger than 6 months and has prolonged fever even with incomplete criteria.
Mori, 2011, (116), Japon	SIADH et MK	Etude rétrospective	39 patients	NA	Caractéristiques cliniques, biologiques	SIADH is common as a cause of hyponatremia in acute KD
Mori, 2004, (117), Japon	Efficacité des IgIV dans la prévention des anévrismes coronaires au cours de la MK (méta-analyse)	Etude rétrospective	4020 patients	NA	Caractéristiques cliniques, biologiques et coronaires	Higher doses of IVGG (> or =2000 mg/kg per day) administered in a single infusion were more effective for preventing CALs, as evaluated during both the subacute and convalescent phases of KD.
Muta, 2010, (119), Japon	Etude de la QdV au cours de la MK	Etude prospective	250 patients	Auto-questionnaire	Mesure de la QdV	The HRQOL of adolescents and young adults with a history of KD is favorable.
Newburger, 1991, (122), USA	Profil lipidique et MK	Etude rétrospective	105 patients	NA	Profil lipidique	Kawasaki syndrome is associated with important abnormalities in lipid metabolism.
Nomura, 2014, (126), Japon	OEdème et abcès rétro-pharyngés au cours de la MK	Etude rétrospective	39 patients	NA	Caractéristiques cliniques, biologiques et ORL	Careful attention to manifestations and close analyses of CT imaging may allow clinicians to differentiate KD with RPE from RPA.
Ohno, 1982, (131), Japon	Œil et MK	Etude prospective	18 patients	Examen ophtalmologique	Caractéristiques cliniques, biologiques et examen ophtalmologique	There were significant correlations between ocular inflammation and erythrocyte sedimentation rate (P less than .0001) and C-reactive protein level (P less than .0009). No

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						serious ocular complications occurred.
Pal, 2013, (135), Inde	Chromonychie et MK	Série de cas	40 patients	NA	NA	Though chromonychia is noted in many other rheumatic and nonrheumatic diseases, the typical transverse orange-brown chromonychia observed in KD patients can be included as an additional clinical feature in diagnosis of KD.
Peng, 2019, (137), Chine	Arthrite et MK	Etude rétrospective	1420 patients	NA	Caractéristiques cliniques, biologiques et coronaires	The arthritis in KD was self-limited, left no sequelae and did not require additional medications. KD patients with arthritis were more likely to get coronary artery aneurysms than the patients without arthritis
Piram, 2020, (140), France	Facteurs de risque de résistance aux IgIV au cours de la MK chez les patients non asiatiques	Etude prospective	425 patients	Scores japonais	Evolution	We identified predictors of IVIg resistance and built a new score with good sensitivity and acceptable specificity in a non-Asian population.
Printz, 2011, (142), USA	Marqueurs extra-cardiaques de l'atteinte coronaire de la MK	Etude rétrospective	198 patients	NA	Caractéristiques cliniques, biologiques et coronaires	Noncoronary cardiac abnormalities are associated with coronary artery dilation and laboratory evidence of inflammation in the first 5 weeks after KD, suggesting a shared inflammatory mechanism.
Rouault, 2019, (145), France	Atteinte ORL au cours de la MK	Etude rétrospective	142 patients	NA	Présence d'une atteinte ORL	ENT manifestations are frequently at the forefront of KD and constitute a misleading clinical picture responsible for delayed diagnosis and potentially

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						inappropriate medico-surgical management.
Sánchez-Manubens, 2016, (150), Espagne	Score Egami dans une population espagnole	Etude observationnelle	399 patients	Score Egami	Evolution	Although regression models found an area under the ROC curve >0.5 to predict IVIG resistance, the low sensitivity excludes the Egami score as a useful tool to predict IVIG resistance in Catalan population.
Sano, 2007, (151), Japon	Facteurs prédictifs de résistance aux IgIV au cours de la MK	Etude rétrospective	112 patients	NA	Evolution coronaire	By defining predictive values, patients with at least two of three predictors (CRP>or=7.0 mg, TB>or=0.9 mg, or AST>or=200 IU/L) are considered to be non-responsive to IVIG for acute Kawasaki disease.
Saudankar, 2014, (152), Australie	Description de la MK en Australie	Etude observationnelle	353 patients	NA	Epidémiologie et caractéristiques cliniques	KD epidemiology in Western Australia mirrors that of other industrialized, predominantly European-Caucasian populations.
Shiari, 2020, (154), Iran	Atteinte ophtalmologique au cours de la MK	Etude rétrospective	36 patients	NA	Atteinte ophtalmologique	In children with Kawasaki disease, uveitis is associated with coronary artery dilatation, higher neutrophil count, and higher CRP level.
Shike, 2009, (155), Japon	Pyurie au cours de la MK	Etude rétrospective	135 patients et 87 contrôles fébriles	Etude urinaire	Pyurie	the presence of pyuria was neither specific nor sensitive as a marker for KD, but the magnitude of pyuria was significantly higher in KD patients compared with the FC group
Singh, 2018, (157), Inde	Atteinte pulmonaire et MK	Etude rétrospective	602 patients	NA	Atteinte pulmonaire	The diagnosis of KD is often delayed in children who have a predominantly pulmonary presentation.

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Sleeper, 2011, (158), USA-Canada	Performances de 3 scores prédictifs de résistance au ttt au cours de la MK	Etude rétrospective	99 patients	NA	Evolution	Risk-scoring systems from Japan have good specificity but low sensitivity for predicting IVIG resistance in a North American cohort.
Son, 2019, (161), USA	Modèle prédictif d'anévrismes coronaires au cours de la MK	Etude de cohorte	903 patients (cohorte de développement) puis 185 patients (cohorte de validation)	NA	Critères cliniques, biologiques et coronaires	Our risk model for CAA in Kawasaki disease consisting of baseline demographic, laboratory, and echocardiographic variables had excellent predictive utility and should undergo prospective testing.
Sumitomo, 2008, (165), Japon	Arythmie au cours de la MK	Etude prospective	40 patients	Etude electrophysiologique cardiaque	Arythmie	Although there was no relationship between coronary stenosis or obstruction and the EPS parameters, the incidence of abnormal sinus node and atrioventricular node function is apparently higher in KD patients than in the normal population.
Tacke, 2012, (167), Pays Bas	Etude de la QdV au cours de la MK	Etude prospective	280 patients	Auto-questionnaire	Mesure de la QdV	Although at an older age the HRQOL of patients with KD is comparable with the Dutch norm, HRQOL seems to be particularly impaired at younger age. Parents reported more hyperactivity and emotional problems in patients with KD.
Tacke, 2013, (168), Pays Bas	IRM cardiaque au cours de la MK	Etude prospective	60 patients et 20 contrôles	IRM cardiaque	Résultats IRM	we did not observe a difference in cardiac function between KD patients and control subjects, except for a subgroup of patients

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						with ischemic heart disease as a result of severe coronary artery pathology.
Taddio, 2017, (169), Italie	KDSS au cours de la MK	Etude rétrospective	84 patients	NA	Caractéristiques cliniques et paracliniques	KDSS patients are more likely to have higher rates of cardiac involvement. However, most cardiovascular abnormalities resolved promptly with therapy.
Terai, 1997, (171), USA	Prévalence des anévrismes coronaires selon les ttt utilisés au cours de la MK	Etude rétrospective	1629 patients	Aspirine +/- IgIV	Evolution coronaire	We conclude that 2 gm/kg IVGG combined with at least 30 to 50 mg/kg per day aspirin provides maximum protection against development of coronary abnormalities after KD.
Toubiana, 2020, (175), France	PIMS/MISC	Etude prospective	21 patients	NA	Caractéristiques cliniques et paracliniques	The ongoing outbreak of Kawasaki-like multisystem inflammatory syndrome among children and adolescents in the Paris area might be related to SARS-CoV-2. In this study an unusually high proportion of the affected children and adolescents had gastrointestinal symptoms, Kawasaki disease shock syndrome, and were of African ancestry.
Tremoulet, 2008, (176), USA	Résistance aux IVIg au cours de la MK	Etude rétrospective	362 patients	NA	Caractéristiques cliniques et paracliniques	An unexplained increase in IVIG-resistance was noted among patients with KD in San Diego County in 2006. Scoring systems based on demographic and laboratory data were insufficiently accurate to be clinically useful in our ethnically diverse population.

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Tremoulet, 2011, (177), USA	Evolution biologique au cours de la MK	Etude prospective	380 patients	Paramètres biologiques en phase aigüe, subaiguë puis de convalescence	NA	A consistent evolution of laboratory values is associated with KD before and after treatment.
Turnier, 2015, (178), USA	Co-infection respiratoire au cours de la MK	Etude rétrospective	222 patients	NA	Résultats PCR virales	No differences in clinical presentations or outcomes in children with KD stratified according to positive or negative respiratory viral PCR testing were observed.
Wallace, 2000, (183), USA	Echec des IgIV au cours de la MK	Etude rétrospective	65 patients	NA	Evolution et traitements	Nearly 23% of patients with KD may require retreatment and 8% may develop coronary aneurysm. Additional antiinflammatory therapy, such as IV methylprednisolone and IV cyclophosphamide, may be helpful in treating persistent KD.
Wang, 2007, (184), Taiwan	Séquelles rénales de la MK	Etude prospective	50 patients	DMSA renal SPECT	Evolution	This study demonstrated that the potential long-term clinical impact of KD is not limited to coronary artery lesion sequelae but also includes renal scar formation.
Wang, 2015, (185), Chine	SAM et MK	Etude rétrospective	719 patients	Critères de Ravelli	Evolution et traitements	MAS may be a frequently under-recognized complication of KD, because the understanding of complications and diagnostic criteria are still in progress. The HLH 2009 criteria have low sensitivity and specificity for the diagnosis of MAS complicating KD. When

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						hepatosplenomegaly is present in KD patients with abnormal laboratory findings, such as cytopenia, liver dysfunction, hyperferritinemia, elevated serum LDH, hypofibrinogenemia, and hypertriglyceridemia, the presence of MAS should be considered.
Watanabe, 2018, (189), Japon	Insuffisance rénale et MK	Etude rétrospective	39 patients	NA	Caractéristiques cliniques et paracliniques	Although the precise pathogenic mechanism underlying the development of AKI in patients with KD is unknown, several possible mechanisms have been proposed, including T-cell-mediated immunologic abnormalities for TIN, renal and glomerular endothelial injury resulting from vasculitis for HUS, immune complex-mediated kidney injury for immune complex-mediated nephropathy and ASN, and capillary leak and an increased release of cytokines with myocardial dysfunction for KDSS.
Watanabe, 2007, (191), Japon	Pyurie et MK	Etude prospective	23 patients	Etude urinaire	Caractéristiques cliniques et paracliniques	These results suggest that some patients with KD develop sterile pyuria that originates from the urethra and/or the kidney as a result of mild and subclinical renal injury.
Yellen, 2010, (195), USA	Performance des critères AHA 2004 pour le ttt de la MK	Etude rétrospective	195 patients	NA	Caractéristiques cliniques et paracliniques	Application of the 2004 AHA recommendations, compared with the classic criteria alone, improves the rate of IVIG treatment for

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						patients with KD who develop CAAs.
Yi, 2014, (197), Corée	Atteinte hépatobiliaire au cours de la MK	Etude rétrospective	67 patients	NA	Caractéristiques cliniques et paracliniques	For children in the acute phase of KD, USG findings of the GB, especially GB distension, may be an important risk factor for CAA as a complication.
Zheng, 2019, (200), Chine	Méta-analyse : aspirine faible ou forte dose au cours de la MK	Méta-analyse	6 études	aspirine faible ou forte dose	Caractéristiques cliniques et paracliniques et évolution	Low-dose aspirin (3-5 mg·kg <sup>-1</sup> ·d <sup>-1</sup> ) may be as effective as the use of high-dose aspirin ( $\geq$ 30 mg·kg <sup>-1</sup> ·d <sup>-1</sup> ) for the initial treatment of KD.
Zheng, 2020, (201), Chine	Méta-analyse : rôle prédictif coronaire du NT-proBNP au cours de la MK	Méta-analyse	8 études	NT-proBNP	Caractéristiques cliniques et paracliniques et évolution	This meta-analysis would be the first one to describe the role of NT-proBNP in detecting CAL of KD.

## Bibliographie

1. Aballi AJ, Biskin LC. Perineal rash in Kawasaki syndrome. *Pediatr Infect Dis. avr 1984;3(2):187.*
2. Ae R, Makino N, Kosami K, Kuwabara M, Matsubara Y, Nakamura Y. Epidemiology, Treatments, and Cardiac Complications in Patients with Kawasaki Disease: The Nationwide Survey in Japan, 2017-2018. *J Pediatr. oct 2020;225:23-29.e2.*
3. Aggarwal V, Ettinger V, Orjuela AF. Sensorineural hearing loss in Kawasaki disease. *Ann Pediatr Cardiol. avr 2016;9(1):87-9.*
4. Akagi T, Kato H, Inoue O, Sato N, Imamura K. Valvular heart disease in Kawasaki syndrome: incidence and natural history. *Am Heart J. août 1990;120(2):366-72.*
5. Akagi T, Rose V, Benson LN, Newman A, Freedom RM. Outcome of coronary artery aneurysms after Kawasaki disease. *J Pediatr. nov 1992;121(5 Pt 1):689-94.*
6. al-Eid W, al-Jefri A, Bahabri S, al-Mayouf S. Hemophagocytosis complicating Kawasaki disease. *Pediatr Hematol Oncol. juin 2000;17(4):323-9.*
7. Altammar F, Lang B. Kawasaki Disease in the neonate: case report and literature review. *Pediatr Rheumatol. déc 2018;16(1):43.*
8. Alves NR de M, Magalhães CMR de, Almeida R de FR, Santos RCRD, Gandolfi L, Pratesi R. Prospective study of Kawasaki disease complications: review of 115 cases. *Rev Assoc Med Bras (1992). juin 2011;57(3):295-300.*
9. Amano S, Hazama F, Kubagawa H, Tasaka K, Haebara H, Hamashima Y. General pathology of Kawasaki disease. On the morphological alterations corresponding to the clinical manifestations. *Acta Pathol Jpn. sept 1980;30(5):681-94.*
10. Bajolle F, Jurzak P, Cohen S, Boudjemline Y. Endovascular treatment of peripheral aneurysms in Kawasaki disease. *Arch Cardiovasc Dis. déc 2013;106(12):694-6.*
11. Bajolle F, Lasne D, Elie C, Cheurfi R, Grazioli A, Traore M, et al. Home point-of-care international normalised ratio monitoring sustained by a non-selective educational program in children. *Thromb Haemost. oct 2012;108(4):710-8.*
12. Baker AL, Gauvreau K, Newburger JW, Sundel RP, Fulton DR, Jenkins KJ. Physical and psychosocial health in children who have had Kawasaki disease. *Pediatrics. mars 2003;111(3):579-83.*
13. Banks L, Lin YT, Chahal N, Manlhiot C, Yeung RSM, McCrindle BW. Factors associated with low moderate-to-vigorous physical activity levels in pediatric patients with Kawasaki disease. *Clin Pediatr (Phila). sept 2012;51(9):828-34.*
- 14.

- Bayers S, Shulman ST, Paller AS. Kawasaki disease: part I. Diagnosis, clinical features, and pathogenesis. *J Am Acad Dermatol.* oct 2013;69(4):501.e1-11; quiz 511-2.
- 15.
- Botti M, Costagliola G, Consolini R. Typical Kawasaki Disease Presenting With Pancreatitis and Bilateral Parotid Gland Involvement: A Case Report and Literature Review. *Front Pediatr.* 2018;6(90).
- 16.
- Bratincsak A, Reddy VD, Purohit PJ, Tremoulet AH, Molkara DP, Frazer JR, et al. Coronary Artery Dilation in Acute Kawasaki Disease and Acute Illnesses Associated With Fever. *The Pediatric Infectious Disease Journal.* sept 2012;31(9):924-6.
- 17.
- Brogan P, Burns JC, Cornish J, Diwakar V, Eleftheriou D, Gordon JB, et al. Lifetime cardiovascular management of patients with previous Kawasaki disease. *Heart.* mars 2020;106(6):411-20.
- 18.
- Bulkool D, Carvalho AV de, Grippa A, Fernandes M, Figueiredo I. Abdominal lymphadenopathy in an adolescent with Kawasaki disease: a major sign? *International Journal of Adolescent Medicine and Health [Internet].* 1 déc 2017 [cité 10 mars 2022];29(6). Disponible sur: <https://www.degruyter.com/document/doi/10.1515/ijamh-2016-0028/html>
- 19.
- Burns JC, Glode MP, Clarke SH, Wiggins J, Hathaway WE. Coagulopathy and platelet activation in Kawasaki syndrome: identification of patients at high risk for development of coronary artery aneurysms. *J Pediatr.* août 1984;105(2):206-11.
- 20.
- Burns JC, Joffe L, Sargent RA, Glode MP. Anterior uveitis associated with Kawasaki syndrome. *Pediatr Infect Dis.* juin 1985;4(3):258-61.
- 21.
- Burns JC, Mason WH, Glode MP, Shulman ST, Melish ME, Meissner C, et al. Clinical and epidemiologic characteristics of patients referred for evaluation of possible Kawasaki disease. United States Multicenter Kawasaki Disease Study Group. *J Pediatr.* mai 1991;118(5):680-6.
- 22.
- Burns JC, Shike H, Gordon JB, Malhotra A, Schoenwetter M, Kawasaki T. Sequelae of Kawasaki disease in adolescents and young adults. *J Am Coll Cardiol.* juill 1996;28(1):253-7.
- 23.
- Cai Z, Zuo R, Liu Y. Characteristics of Kawasaki disease in older children. *Clin Pediatr (Phila).* oct 2011;50(10):952-6.
- 24.
- Capannari TE, Daniels SR, Meyer RA, Schwartz DC, Kaplan S. Sensitivity, specificity and predictive value of two-dimensional echocardiography in detecting coronary artery aneurysms in patients with Kawasaki disease. *J Am Coll Cardiol.* févr 1986;7(2):355-60.
- 25.
- Carbone I, Cannata D, Algeri E, Galea N, Napoli A, De Zorzi A, et al. Adolescent Kawasaki disease: usefulness of 64-slice CT coronary angiography for follow-up investigation. *Pediatr Radiol.* sept 2011;41(9):1165-73.
- 26.
- Carlton-Conway D, Ahluwalia R, Henry L, Michie C, Wood L, Tulloh R. Behaviour sequelae following acute Kawasaki disease. *BMC Pediatr.* 25 mai 2005;5(1):14.

27. Cecconi M, De Backer D, Antonelli M, Beale R, Bakker J, Hofer C, et al. Consensus on circulatory shock and hemodynamic monitoring. Task force of the European Society of Intensive Care Medicine. *Intensive Care Med.* déc 2014;40(12):1795-815.
28. Cerman E, Eraslan M, Turhan SA, Usta SA, Akalin F. Orbital cellulitis presenting as a first sign of incomplete kawasaki disease. *Case Rep Ophthalmol.* sept 2013;4(3):294-8.
29. Chahal N, Clarizia NA, McCrindle BW, Boydell KM, Obadia M, Manlhiot C, et al. Parental anxiety associated with Kawasaki disease in previously healthy children. *J Pediatr Health Care.* août 2010;24(4):250-7.
30. Chang L-Y, Lu C-Y, Shao P-L, Lee P-I, Lin M-T, Fan T-Y, et al. Viral infections associated with Kawasaki disease. *J Formos Med Assoc.* mars 2014;113(3):148-54.
31. Chen A, DeBartolo M, Darras F, Ferretti J, Wasnick R. Renal Artery Pseudoaneurysm in Kawasaki Disease. *Urology.* déc 2016;98:165-6.
32. Chen C-J, Huang F-C, Tiao M-M, Huang Y-H, Lin L-Y, Yu H-R, et al. Sonographic gallbladder abnormality is associated with intravenous immunoglobulin resistance in Kawasaki disease. *ScientificWorldJournal.* 2012;2012:485758.
33. Chen S, Dong Y, Kiuchi MG, Wang J, Li R, Ling Z, et al. Coronary Artery Complication in Kawasaki Disease and the Importance of Early Intervention : A Systematic Review and Meta-analysis. *JAMA Pediatr.* 1 déc 2016;170(12):1156-63.
34. Chen S, Dong Y, Yin Y, Krucoff MW. Intravenous immunoglobulin plus corticosteroid to prevent coronary artery abnormalities in Kawasaki disease: a meta-analysis. *Heart.* janv 2013;99(2):76-82.
35. Cherqaoui B, Koné-Paut I, Yager H, Bourgeois FL, Piram M. Delineating phenotypes of Kawasaki disease and SARS-CoV-2-related inflammatory multisystem syndrome: a French study and literature review. *Rheumatology (Oxford).* 2 oct 2021;60(10):4530-7.
36. Cheung Y, Yung T, Tam SCF, Ho MHK, Chau AKT. Novel and traditional cardiovascular risk factors in children after Kawasaki disease: implications for premature atherosclerosis. *J Am Coll Cardiol.* 7 janv 2004;43(1):120-4.
37. Choi HS, Lee SB, Kwon JH, Kim HS, Sohn S, Hong YM. Uveitis as an important ocular sign to help early diagnosis in Kawasaki disease. *Korean J Pediatr.* oct 2015;58(10):374-9.
38. Choi SH, Kim HJ. A case of Kawasaki disease with coexistence of a parapharyngeal abscess requiring incision and drainage. *Korean J Pediatr.* sept 2010;53(9):855-8.
39. Choi YH, Lee BJ, Park JD, Kim SH. Kawasaki Disease with Acute Respiratory Distress Syndrome after Intravenous Immunoglobulin Infusion. *Korean J Crit Care Med.* 2014;29(4).
- 40.

- Chuang G-T, Tsai I-J, Lin M-T, Chang L-Y. Acute kidney injury in patients with Kawasaki disease. *Pediatr Res.* août 2016;80(2):224-7.
41. Crystal MA, Syan SK, Yeung RSM, Dipchand AI, McCrindle BW. Echocardiographic and electrocardiographic trends in children with acute Kawasaki disease. *Can J Cardiol.* oct 2008;24(10):776-80.
42. Dallaire F, Dahdah N. New equations and a critical appraisal of coronary artery Z scores in healthy children. *J Am Soc Echocardiogr.* janv 2011;24(1):60-74.
43. Davaalkham D, Nakamura Y, Baigalmaa D, Davaa G, Chimedsuren O, Sumberzul N, et al. Kawasaki disease in Mongolia: results from 2 nationwide retrospective surveys, 1996-2008. *J Epidemiol.* 2011;21(4):293-8.
44. Davies S, Sutton N, Blackstock S, Gormley S, Hoggart CJ, Levin M, et al. Predicting IVIG resistance in UK Kawasaki disease. *Arch Dis Child.* avr 2015;100(4):366-8.
45. Dawson TJ, Vuong CT, Ma SCY, Russell CR, Melish ME, Bratincsak A. Mapping the Trends of Kawasaki Disease in Hawai'i from 1996 to 2018. *Hawaii J Health Soc Welf.* 1 mai 2020;79(5 Suppl 1):104-11.
46. de Graeff N, Groot N, Ozen S, Eleftheriou D, Avcin T, Bader-Meunier B, et al. European consensus-based recommendations for the diagnosis and treatment of Kawasaki disease - the SHARE initiative. *Rheumatology (Oxford).* 1 avr 2019;58(4):672-82.
47. Delafay M-C, Matoussi Z, Remy-Piccolo V, Gay C, Veyrier M, Stéphan J-L. [Kawasaki disease and cranial nerve involvement: two cases]. *Arch Pediatr.* août 2015;22(8):853-6.
48. Dengler LD, Capparelli EV, Bastian JF, Bradley DJ, Glode MP, Santa S, et al. Cerebrospinal fluid profile in patients with acute Kawasaki disease. *Pediatr Infect Dis J.* juin 1998;17(6):478-81.
49. Dominguez SR, Friedman K, Seewald R, Anderson MS, Willis L, Glodé MP. Kawasaki disease in a pediatric intensive care unit: a case-control study. *Pediatrics.* oct 2008;122(4):e786-790.
50. Downie ML, Manlhot C, Collins TH, Chahal N, Yeung RSM, McCrindle BW. Factors associated with development of coronary artery aneurysms after Kawasaki disease are similar for those treated promptly and those with delayed or no treatment. *Int J Cardiol.* 1 juin 2017;236:157-61.
51. Durall AL, Phillips JR, Weisse ME, Mullett CJ. Infantile Kawasaki disease and peripheral gangrene. *J Pediatr.* juill 2006;149(1):131-3.
52. Egami K, Muta H, Ishii M, Suda K, Sugahara Y, Iemura M, et al. Prediction of resistance to intravenous immunoglobulin treatment in patients with Kawasaki disease. *J Pediatr.* août 2006;149(2):237-40.
53. Eladawy M, Dominguez SR, Anderson MS, Glodé MP. Abnormal liver panel in acute kawasaki disease. *Pediatr Infect Dis J.* févr 2011;30(2):141-4.

54.  
Elakabawi K, Lin J, Jiao F, Guo N, Yuan Z. Kawasaki Disease: Global Burden and Genetic Background. *Cardiol Res.* févr 2020;11(1):9-14.
55.  
Eleftheriou D, Levin M, Shingadia D, Tulloh R, Klein NJ, Brogan PA. Management of Kawasaki disease. *Arch Dis Child.* janv 2014;99(1):74-83.
56.  
Erdem E, Kocabas E, Taylan Sekeroglu H, Ozgür O, Yagmur M, Ersoz TR. Crystalline-like keratopathy after intravenous immunoglobulin therapy with incomplete kawasaki disease: case report and literature review. *Case Rep Ophthalmol Med.* 2013;2013:621952.
57.  
Expert Panel on Integrated Guidelines for Cardiovascular Health and Risk Reduction in Children and Adolescents, National Heart, Lung, and Blood Institute. Expert panel on integrated guidelines for cardiovascular health and risk reduction in children and adolescents: summary report. *Pediatrics.* déc 2011;128 Suppl 5:S213-256.
58.  
Fabi M, Corinaldesi E, Pierantoni L, Mazzoni E, Landini C, Bigucci B, et al. Gastrointestinal presentation of Kawasaki disease: A red flag for severe disease? *PLoS One.* 2018;13(9):e0202658.
59.  
Fernandez-Cooke E, Barrios Tascón A, Sánchez-Manubens J, Antón J, Grasa Lozano CD, Aracil Santos J, et al. Epidemiological and clinical features of Kawasaki disease in Spain over 5 years and risk factors for aneurysm development. (2011-2016): KAWA-RACE study group. *PLoS One.* 2019;14(5):e0215665.
60.  
Ferriero DM, Wolfsdorf JI. Hemolytic uremic syndrome associated with Kawasaki disease. *Pediatrics.* sept 1981;68(3):405-6.
61.  
Fraison J-B, Sèvre P, Dauphin C, Mahr A, Gomard-Mennesson E, Varron L, et al. Kawasaki disease in adults: Observations in France and literature review. *Autoimmun Rev.* mars 2016;15(3):242-9.
62.  
Fujino M, Hata T, Kuriki M, Horio K, Uchida H, Eryu Y, et al. Inflammation aggravates heterogeneity of ventricular repolarization in children with Kawasaki disease. *Pediatr Cardiol.* oct 2014;35(7):1268-72.
63.  
Fujiwara T, Fujiwara H, Hamashima Y. Frequency and size of coronary arterial aneurysm at necropsy in Kawasaki disease. *Am J Cardiol.* 1 avr 1987;59(8):808-11.
64.  
Fukazawa R, Kobayashi J, Ayusawa M, Hamada H, Miura M, Mitani Y, et al. JCS/JSCS 2020 Guideline on Diagnosis and Management of Cardiovascular Sequelae in Kawasaki Disease. *Circ J.* 22 juill 2020;84(8):1348-407.
65.  
Furuyama H, Odagawa Y, Katoh C, Iwado Y, Ito Y, Noriyasu K, et al. Altered myocardial flow reserve and endothelial function late after Kawasaki disease. *J Pediatr.* févr 2003;142(2):149-54.
- 66.

- Gámez-González LB, Murata C, Muñoz-Ramírez M, Yamazaki-Nakashimada M. Clinical manifestations associated with Kawasaki disease shock syndrome in Mexican children. Eur J Pediatr. mars 2013;172(3):337-42.
- 67.
- Gao Y, Zhang Y, Lu F, Wang X, Zhang M. Rare ocular manifestations in an 11-year-old girl with incomplete Kawasaki disease: A case report. Medicine (Baltimore). juin 2018;97(22):e10974.
- 68.
- García-Pavón S, Yamazaki-Nakashimada MA, Báez M, Borjas-Aguilar KL, Murata C. Kawasaki Disease Complicated With Macrophage Activation Syndrome: A Systematic Review. J Pediatr Hematol Oncol. août 2017;39(6):445-51.
- 69.
- Gouédard C, Cheurfi R, Bajolle F. Médiations et éducation thérapeutique du jeune patient (ETJP) :ressources des familles et genèses. La revue internationale de l'education familiale. 2019;45(1):93-120.
- 70.
- Gouédard C, F. Bajolle, A. Grazioli. Incertitudes et malentendus dans l'éducation thérapeutique : des occasions pour apprendre. In: Educations, santé et mutations sociales : nouveaux enjeux, nouveaux défis ? Avoine, France : Presses numériques de Graphic Rivière [Internet]. 2016 [cité 16 mars 2022]. Disponible sur: <https://hal-univ-paris8.archives-ouvertes.fr/hal-02117085>
- 71.
- Heuclin T, Dubos F, Hue V, Godart F, Francart C, Vincent P, et al. Increased detection rate of Kawasaki disease using new diagnostic algorithm, including early use of echocardiography. J Pediatr. nov 2009;155(5):695-699.e1.
- 72.
- Hoshino S, Tsuda E, Yamada O. Characteristics and Fate of Systemic Artery Aneurysm after Kawasaki Disease. J Pediatr. juill 2015;167(1):108-112.e1-2.
- 73.
- Hu C, Yu Y. Gastrointestinal hemorrhage before anticoagulant therapy in Kawasaki disease: a case report. BMC Pediatr. 27 janv 2020;20(1):32.
- 74.
- Huang H-P, Lai Y-C, Tsai I-J, Chen S-Y, Cheng C-H, Tsau Y-K. Nephromegaly in children with Kawasaki disease: new supporting evidence for diagnosis and its possible mechanism. Pediatr Res. févr 2008;63(2):207-10.
- 75.
- Iemura M, Ishii M, Sugimura T, Akagi T, Kato H. Long term consequences of regressed coronary aneurysms after Kawasaki disease: vascular wall morphology and function. Heart. mars 2000;83(3):307-11.
- 76.
- Izumi G, Narugami M, Saita Y, Matsuzawa T, Sugawara O, Kawamura N, et al. Arthritis associated with Kawasaki disease: MRI findings and serum matrix metalloproteinase-3 profiles. Pediatr Int. déc 2011;53(6):1087-9.
- 77.
- Jaggi P, Kajon AE, Mejias A, Ramilo O, Leber A. Human adenovirus infection in Kawasaki disease: a confounding bystander? Clin Infect Dis. janv 2013;56(1):58-64.
- 78.

- Jia X, Du X, Bie S, Li X, Bao Y, Jiang M. What dose of aspirin should be used in the initial treatment of Kawasaki disease? A meta-analysis. *Rheumatology (Oxford)*. 1 août 2020;59(8):1826-33.
- 79.
- Jibiki T, Sakai T, Saitou T, Kanazawa M, Ide T, Fujita M, et al. Acute scrotum in Kawasaki disease: two case reports and a literature review. *Pediatr Int. déc* 2013;55(6):771-5.
- 80.
- Jindal AK, Pilania RK, Prithvi A, Guleria S, Singh S. Kawasaki disease: characteristics, diagnosis, and unusual presentations. *Expert Rev Clin Immunol. oct* 2019;15(10):1089-104.
- 81.
- Kadyan A, Choi J, Headon MP. Disciform keratitis and optic disc swelling in Kawasaki disease: an unusual presentation. *Eye (Lond). août* 2006;20(8):976-7.
- 82.
- Kamiyama H, Ayusawa M, Ogawa S, Saji T, Hamaoka K. Health-care transition after Kawasaki disease in patients with coronary artery lesion. *Pediatr Int. mars* 2018;60(3):232-9.
- 83.
- Kanegaye JT, Van Cott E, Tremoulet AH, Salgado A, Shimizu C, Kruk P, et al. Lymph-node-first presentation of Kawasaki disease compared with bacterial cervical adenitis and typical Kawasaki disease. *J Pediatr. juin* 2013;162(6):1259-63, 1263.e1-2.
- 84.
- Kao CH, Hsieh KS, Wang YL, Wang SJ, Yeh SH. The detection of ventricular dysfunction and carditis in children with Kawasaki disease using equilibrium multigated blood pooling ventriculography and <sup>99</sup>Tcm-HMPAO-labelled WBC heart scans. *Nucl Med Commun. juill* 1993;14(7):539-43.
- 85.
- Kato H, Kanematsu M, Kato Z, Teramoto T, Kondo N, Hoshi H. Computed tomographic findings of Kawasaki disease with cervical lymphadenopathy. *J Comput Assist Tomogr. févr* 2012;36(1):138-42.
- 86.
- Kemmotsu Y, Nakayama T, Matsuura H, Saji T. Clinical characteristics of aseptic meningitis induced by intravenous immunoglobulin in patients with Kawasaki disease. *Pediatr Rheumatol Online J. 14 sept* 2011;9:28.
- 87.
- Kim GB. Reality of Kawasaki disease epidemiology. *Korean J Pediatr. août* 2019;62(8):292-6.
- 88.
- Kim JH, Yu JJ, Lee J, Kim M-N, Ko HK, Choi HS, et al. Detection rate and clinical impact of respiratory viruses in children with Kawasaki disease. *Korean J Pediatr. déc* 2012;55(12):470-3.
- 89.
- Kim KY, Kim KH, Park YA, Seo YJ. Kawasaki Disease and Labyrinthitis: An Underdiagnosed Complication. *J Audiol Otol. avr* 2017;21(1):53-6.
- 90.
- Kim YJ, Kim K, Lee JY, Yoon J, Jeong D, Park WY, et al. Impending Cardiac Tamponade and Hemorrhagic Pleural Effusion as Initial Presentations of Incomplete Kawasaki Disease: A Case Report. 2020;
- 91.
- King WJ, Schlieper A, Birdi N, Cappelli M, Korneluk Y, Rowe PC. The effect of Kawasaki disease on cognition and behavior. *Arch Pediatr Adolesc Med. mai* 2000;154(5):463-8.

- 92.
- Kobayashi T, Fuse S, Sakamoto N, Mikami M, Ogawa S, Hamaoka K, et al. A New Z Score Curve of the Coronary Arterial Internal Diameter Using the Lambda-Mu-Sigma Method in a Pediatric Population. *J Am Soc Echocardiogr*. août 2016;29(8):794-801.e29.
- 93.
- Kobayashi T, Inoue Y, Takeuchi K, Okada Y, Tamura K, Tomomasa T, et al. Prediction of intravenous immunoglobulin unresponsiveness in patients with Kawasaki disease. *Circulation*. 6 juin 2006;113(22):2606-12.
- 94.
- Kobayashi T, Saji T, Otani T, Takeuchi K, Nakamura T, Arakawa H, et al. Efficacy of immunoglobulin plus prednisolone for prevention of coronary artery abnormalities in severe Kawasaki disease (RAISE study): a randomised, open-label, blinded-endpoints trial. *Lancet*. 28 avr 2012;379(9826):1613-20.
- 95.
- Lacroix J, Lapointe N, Weber M, Rousseau E, Van Doesburg N, Jacob JL, et al. [Prospective study of 64 cases of Kawasaki's disease]. *Arch Fr Pediatr*. nov 1985;42(9):771-6.
- 96.
- Ladouceur M, Calderon J, Traore M, Cheurfi R, Pagnon C, Khraiche D, et al. Educational needs of adolescents with congenital heart disease: Impact of a transition intervention programme. *Arch Cardiovasc Dis*. mai 2017;110(5):317-24.
- 97.
- Lee EY, Oh JY, Chong CY, Choo JTL, Mahadev A, Tan NWH. A Case of Atypical Kawasaki Disease With Myositis. *Glob Pediatr Health*. 2015;2:2333794X15599649.
- 98.
- Li Y, Yang Q, Yu X, Qiao H. A case of Kawasaki disease presenting with parotitis: A case report and literature review. *Medicine (Baltimore)*. mai 2019;98(22):e15817.
- 99.
- Lin K-H, Chang S-S, Yu C-W, Lin S-C, Liu S-C, Chao H-Y, et al. Usefulness of natriuretic peptide for the diagnosis of Kawasaki disease: a systematic review and meta-analysis. *BMJ Open*. 14 avr 2015;5(4):e006703.
- 100.
- Lin Y-J, Cheng M-C, Lo M-H, Chien S-J. Early Differentiation of Kawasaki Disease Shock Syndrome and Toxic Shock Syndrome in a Pediatric Intensive Care Unit. *Pediatr Infect Dis J*. nov 2015;34(11):1163-7.
- 101.
- Lloyd AJ, Walker C, Wilkinso M. Kawasaki disease: is it caused by an infectious agent? *Br J Biomed Sci*. 2001;58(2):122-8.
- 102.
- Loh A, Kua PHJ, Tan ZL. Erythema and induration of the Bacillus Calmette-Guérin site for diagnosing Kawasaki disease. *Singapore Med J*. févr 2019;60(2):89-93.
- 103.
- Malekzadeh I, Ziae V, Sadrosadat T, Moardinejad M-H, Sayadpour-Zanjani K. Kawasaki Disease and Peripheral Gangrene in Infancy. *Iran J Pediatr*. déc 2015;25(6):e3309.
- 104.
- Mammadov G, Liu HH, Chen WX, Fan GZ, Li RX, Liu FF, et al. Hepatic dysfunction secondary to Kawasaki disease: characteristics, etiology and predictive role in coronary artery abnormalities. *Clin Exp Med*. févr 2020;20(1):21-30.

105.

Manlhiot C, Millar K, Golding F, McCrindle BW. Improved classification of coronary artery abnormalities based only on coronary artery z-scores after Kawasaki disease. *Pediatr Cardiol.* févr 2010;31(2):242-9.

106.

Manlhiot C, Niedra E, McCrindle BW. Long-term management of Kawasaki disease: implications for the adult patient. *Pediatr Neonatol.* févr 2013;54(1):12-21.

107.

Manlhiot C, O'Shea S, Bernknopf B, LaBelle M, Chahal N, Dillenburg RF, et al. Epidemiology of Kawasaki Disease in Canada 2004 to 2014: Comparison of Surveillance Using Administrative Data vs Periodic Medical Record Review. *Can J Cardiol.* mars 2018;34(3):303-9.

108.

Masoumi K, Forouzan A, Saidi H, Javaherizadeh H, Khavanin A, Bahadoram M. Spontaneous duodenal perforation as a complication of kawasaki disease. *Case Rep Pediatr.* 2015;2015:689864.

109.

Mathai SS, Kulkarni VB, Harsh P. Gall bladder hydrops - a rare initial presentation of Kawasaki disease. *Indian J Pediatr.* juill 2013;80(7):616-7.

110.

Matsubara K, Fukaya T. The role of superantigens of group A Streptococcus and Staphylococcus aureus in Kawasaki disease. *Curr Opin Infect Dis.* juin 2007;20(3):298-303.

111.

McCrindle BW, Li JS, Minich LL, Colan SD, Atz AM, Takahashi M, et al. Coronary artery involvement in children with Kawasaki disease: risk factors from analysis of serial normalized measurements. *Circulation.* 10 juill 2007;116(2):174-9.

112.

McCrindle BW, Rowley AH, Newburger JW, Burns JC, Bolger AF, Gewitz M, et al. Diagnosis, Treatment, and Long-Term Management of Kawasaki Disease: A Scientific Statement for Health Professionals From the American Heart Association. *Circulation.* 25 avr 2017;135(17):e927-99.

113.

Merlin E, Al Fatuhi H, Crost P. [Kawasaki syndrome and Mycoplasma pneumoniae infection]. *Arch Pediatr.* août 2004;11(8):972-3.

114.

Minich LL, Sleeper LA, Atz AM, McCrindle BW, Lu M, Colan SD, et al. Delayed diagnosis of Kawasaki disease: what are the risk factors? *Pediatrics.* déc 2007;120(6):e1434-1440.

115.

Moreau C, Bajolle F, Siguret V, Lasne D, Golmard J-L, Elie C, et al. Vitamin K antagonists in children with heart disease: height and VKORC1 genotype are the main determinants of the warfarin dose requirement. *Blood.* 19 janv 2012;119(3):861-7.

116.

Mori J, Miura M, Shiro H, Fujioka K, Kohri T, Hasegawa T. Syndrome of inappropriate anti-diuretic hormone in Kawasaki disease. *Pediatr Int.* juin 2011;53(3):354-7.

117.

Mori M, Miyamae T, Imagawa T, Katakura S, Kimura K, Yokota S. Meta-analysis of the results of intravenous gamma globulin treatment of coronary artery lesions in Kawasaki disease. *Mod Rheumatol.* 2004;14(5):361-6.

- 118.
- Muniz J-CG, Dummer K, Gauvreau K, Colan SD, Fulton DR, Newburger JW. Coronary artery dimensions in febrile children without Kawasaki disease. *Circ Cardiovasc Imaging*. 1 mars 2013;6(2):239-44.
- 119.
- Muta H, Ishii M, Iemura M, Matsuishi T. Health-related quality of life in adolescents and young adults with a history of Kawasaki disease. *J Pediatr*. mars 2010;156(3):439-43.
- 120.
- Nakano H, Saito A, Ueda K, Nojima K. Clinical characteristics of myocardial infarction following Kawasaki disease: report of 11 cases. *J Pediatr*. févr 1986;108(2):198-203.
- 121.
- Nardi PM, Haller JO, Friedman AP, Slovis TL, Schaffer RM. Renal manifestations of Kawasaki's disease. *Pediatr Radiol*. 1985;15(2):116-8.
- 122.
- Newburger JW, Burns JC, Beiser AS, Loscalzo J. Altered lipid profile after Kawasaki syndrome. *Circulation*. août 1991;84(2):625-31.
- 123.
- Newburger JW, Takahashi M, Burns JC. Kawasaki Disease. *J Am Coll Cardiol*. 12 avr 2016;67(14):1738-49.
- 124.
- Newburger JW, Takahashi M, Gerber MA, Gewitz MH, Tani LY, Burns JC, et al. Diagnosis, treatment, and long-term management of Kawasaki disease: a statement for health professionals from the Committee on Rheumatic Fever, Endocarditis and Kawasaki Disease, Council on Cardiovascular Disease in the Young, American Heart Association. *Circulation*. 26 oct 2004;110(17):2747-71.
- 125.
- Nishad P, Singh S, Sidhu M, Malhi P. Cognitive and behaviour assessment following Kawasaki disease--a study from North India - PubMed [Internet]. [cité 17 mars 2022]. Disponible sur: <https://pubmed.ncbi.nlm.nih.gov/19649637/>
- 126.
- Nomura O, Hashimoto N, Ishiguro A, Miyasaka M, Nosaka S, Oana S, et al. Comparison of patients with Kawasaki disease with retropharyngeal edema and patients with retropharyngeal abscess. *Eur J Pediatr*. mars 2014;173(3):381-6.
- 127.
- Noval Rivas M, Ardití M. Kawasaki disease: pathophysiology and insights from mouse models. *Nat Rev Rheumatol*. juill 2020;16(7):391-405.
- 128.
- Nozaki F, Kusunoki T, Tomoda Y, Hiejima I, Hayashi A, Kumada T, et al. Grisel syndrome as a complication of Kawasaki disease: a case report and review of the literature. *Eur J Pediatr*. janv 2013;172(1):119-21.
- 129.
- Numa-Bocage L, Gouillard C. M??diations et familles dans une soci?t?? apprenante. 2019.
- 130.
- Ochi M. Review: surgical treatment of giant coronary aneurysms in pediatric patients with Kawasaki disease. *Gen Thorac Cardiovasc Surg*. mars 2018;66(3):121-9.
- 131.

- Ohno S, Miyajima T, Higuchi M, Yoshida A, Matsuda H, Saheki Y, et al. Ocular manifestations of Kawasaki's disease (mucocutaneous lymph node syndrome). Am J Ophthalmol. juin 1982;93(6):713-7.
- 132.
- Ohta K, Seno A, Shintani N, Kato E, Yachie A, Seki H, et al. Increased levels of urinary interleukin-6 in Kawasaki disease. Eur J Pediatr. août 1993;152(8):647-9.
- 133.
- Orenstein JM, Shulman ST, Fox LM, Baker SC, Takahashi M, Bhatti TR, et al. Three linked vasculopathic processes characterize Kawasaki disease: a light and transmission electron microscopic study. PLoS One. 2012;7(6):e38998.
- 134.
- Ozen S, Ruperto N, Dillon MJ, Bagga A, Barron K, Davin JC, et al. EULAR/PReS endorsed consensus criteria for the classification of childhood vasculitides. Ann Rheum Dis. juill 2006;65(7):936-41.
- 135.
- Pal P, Giri PP. Orange-brown chromonychia, a novel finding in Kawasaki disease. Rheumatol Int. mai 2013;33(5):1207-9.
- 136.
- Pediatrics AA. Kawasaki Disease. Kimberlin DW, Brady MT, Jackson MA, Long SS, éditeurs.
- 137.
- Peng Y, Liu X, Duan Z, Deng Y, Cai S, Wang Z, et al. Prevalence and characteristics of arthritis in Kawasaki disease: a Chinese cohort study. Clin Exp Med. mai 2019;19(2):167-72.
- 138.
- Piram M, Burns JC. Kawasaki disease for the paediatric dermatologist: skin manifestations and new insights into the pathophysiology. Clin Exp Dermatol. avr 2021;46(3):503-9.
- 139.
- Piram M, Koné-Paut I. [Kawasaki disease: what's new in 2012?]. Arch Pediatr. oct 2012;19(10):1012-4.
- 140.
- Piram M, Darce Bello M, Tellier S, Di Filippo S, Boralevi F, Madhi F, et al. Defining the risk of first intravenous immunoglobulin unresponsiveness in non-Asian patients with Kawasaki disease. Sci Rep. 20 févr 2020;10(1):3125.
- 141.
- Piram M, Maldini C, Mahr A. Effect of race/ethnicity on risk, presentation and course of connective tissue diseases and primary systemic vasculitides. Curr Opin Rheumatol. mars 2012;24(2):193-200.
- 142.
- Printz BF, Sleeper LA, Newburger JW, Minich LL, Bradley T, Cohen MS, et al. Noncoronary cardiac abnormalities are associated with coronary artery dilation and with laboratory inflammatory markers in acute Kawasaki disease. J Am Coll Cardiol. 4 janv 2011;57(1):86-92.
- 143.
- Ravelli A, Minoia F, Davì S, Horne A, Bovis F, Pistorio A, et al. 2016 Classification Criteria for Macrophage Activation Syndrome Complicating Systemic Juvenile Idiopathic Arthritis: A European League Against Rheumatism/American College of Rheumatology/Paediatric Rheumatology International Trials Organisation Collaborative Initiative. Ann Rheum Dis. mars 2016;75(3):481-9.
- 144.

- Rezai MS, Shahmohammadi S. Erythema at BCG Inoculation Site in Kawasaki Disease Patients. *Mater Sociomed.* août 2014;26(4):256-60.
- 145.
- Rouault M, Coudert A, Hermann R, Gillet Y, Truy E, Ayari-Khalfallah S. Otorhinolaryngological manifestations and delayed diagnosis in Kawasaki disease. *Int J Pediatr Otorhinolaryngol.* juin 2019;121:137-42.
- 146.
- Rowley AH. Kawasaki disease: novel insights into etiology and genetic susceptibility. *Annu Rev Med.* 2011;62:69-77.
- 147.
- Rowley AH. Can a systems biology approach unlock the mysteries of Kawasaki disease? *Wiley Interdiscip Rev Syst Biol Med.* avr 2013;5(2):221-9.
- 148.
- Rowley AH, Shulman ST. Editorial commentary: missing the forest for the trees: respiratory viral assays in patients with kawasaki disease. *Clin Infect Dis.* janv 2013;56(1):65-6.
- 149.
- Salcedo JR, Greenberg L, Kapur S. Renal histology of mucocutaneous lymph node syndrome (Kawasaki disease). *Clin Nephrol.* janv 1988;29(1):47-51.
- 150.
- Sánchez-Manubens J, Antón J, Bou R, Iglesias E, Calzada-Hernandez J, Borlan S, et al. Role of the Egami score to predict immunoglobulin resistance in Kawasaki disease among a Western Mediterranean population. *Rheumatol Int.* juill 2016;36(7):905-10.
- 151.
- Sano T, Kurotobi S, Matsuzaki K, Yamamoto T, Maki I, Miki K, et al. Prediction of non-responsiveness to standard high-dose gamma-globulin therapy in patients with acute Kawasaki disease before starting initial treatment. *Eur J Pediatr.* févr 2007;166(2):131-7.
- 152.
- Saundankar J, Yim D, Itotoh B, Payne R, Maslin K, Jape G, et al. The epidemiology and clinical features of Kawasaki disease in Australia. *Pediatrics.* avr 2014;133(4):e1009-1014.
- 153.
- Sevin C, Heidet L, Gagnadoux MF, Chéron G, Niaudet P. [Acute renal insufficiency in Kawasaki disease]. *Arch Fr Pediatr.* juill 1993;50(6):505-7.
- 154.
- Shiari R, Jari M, Karimi S, Salehpour O, Rahmani K, Hassas Yeganeh M, et al. Relationship between ocular involvement and clinical manifestations, laboratory findings, and coronary artery dilatation in Kawasaki disease. *Eye (Lond).* oct 2020;34(10):1883-7.
- 155.
- Shike H, Kanegaye JT, Best BM, Pancheri J, Burns JC. Pyuria associated with acute Kawasaki disease and fever from other causes. *Pediatr Infect Dis J.* mai 2009;28(5):440-3.
- 156.
- Shin J, Lee H, Eun L. Verification of Current Risk Scores for Kawasaki Disease in Korean Children. *J Korean Med Sci.* déc 2017;32(12):1991-6.
- 157.
- Singh S, Gupta A, Jindal AK, Gupta A, Suri D, Rawat A, et al. Pulmonary presentation of Kawasaki disease-A diagnostic challenge. *Pediatr Pulmonol.* janv 2018;53(1):103-7.
- 158.

- Sleeper LA, Minich LL, McCrindle BM, Li JS, Mason W, Colan SD, et al. Evaluation of Kawasaki disease risk-scoring systems for intravenous immunoglobulin resistance. *J Pediatr.* mai 2011;158(5):831-835.e3.  
159.
- Smith KA, Yunker WK. Kawasaki disease is associated with sensorineural hearing loss: a systematic review. *Int J Pediatr Otorhinolaryngol.* août 2014;78(8):1216-20.  
160.
- Smith LB, Newburger JW, Burns JC. Kawasaki syndrome and the eye. *Pediatr Infect Dis J.* févr 1989;8(2):116-8.  
161.
- Son MBF, Gauvreau K, Tremoulet AH, Lo M, Baker AL, de Ferranti S, et al. Risk Model Development and Validation for Prediction of Coronary Artery Aneurysms in Kawasaki Disease in a North American Population. *J Am Heart Assoc.* 4 juin 2019;8(11):e011319.  
162.
- Song E, Kajon AE, Wang H, Salomon D, Texter K, Ramilo O, et al. Clinical and Virologic Characteristics May Aid Distinction of Acute Adenovirus Disease from Kawasaki Disease with Incidental Adenovirus Detection. *J Pediatr.* mars 2016;170:325-30.  
163.
- Song R, Yao W, Li X. Efficacy of Four Scoring Systems in Predicting Intravenous Immunoglobulin Resistance in Children with Kawasaki Disease in a Children's Hospital in Beijing, North China - PubMed [Internet]. [cité 17 mars 2022]. Disponible sur: <https://pubmed.ncbi.nlm.nih.gov/28043682/>
- 164.
- Stowe RC. Facial nerve palsy, Kawasaki disease, and coronary artery aneurysm. *Eur J Paediatr Neurol.* sept 2015;19(5):607-9.  
165.
- Sumitomo N, Karasawa K, Taniguchi K, Ichikawa R, Fukuhara J, Abe O, et al. Association of sinus node dysfunction, atrioventricular node conduction abnormality and ventricular arrhythmia in patients with Kawasaki disease and coronary involvement. *Circ J.* févr 2008;72(2):274-80.  
166.
- Sun Q, Zhang J, Yang Y. Gallbladder Hydrops Associated With Kawasaki Disease: A Case Report and Literature Review. *Clin Pediatr (Phila).* mars 2018;57(3):341-3.  
167.
- Tacke CE, Haverman L, Berk BM, van Rossum MA, Kuipers IM, Grootenhuis MA, et al. Quality of life and behavioral functioning in Dutch children with a history of Kawasaki disease. *J Pediatr.* août 2012;161(2):314-319.e1.  
168.
- Tacke CE, Romeih S, Kuipers IM, Spijkerboer AM, Groenink M, Kuijpers TW. Evaluation of cardiac function by magnetic resonance imaging during the follow-up of patients with Kawasaki disease. *Circ Cardiovasc Imaging.* 1 janv 2013;6(1):67-73.  
169.
- Taddio A, Rossi ED, Monasta L, Pastore S, Tommasini A, Lepore L, et al. Describing Kawasaki shock syndrome: results from a retrospective study and literature review. *Clin Rheumatol.* janv 2017;36(1):223-8.  
170.

- Takanashi J, Shirai K, Sugawara Y, Okamoto Y, Obonai T, Terada H. Kawasaki disease complicated by mild encephalopathy with a reversible splenial lesion (MERS). *J Neurol Sci.* 15 avr 2012;315(1-2):167-9.  
171.
- Terai M, Shulman ST. Prevalence of coronary artery abnormalities in Kawasaki disease is highly dependent on gamma globulin dose but independent of salicylate dose. *J Pediatr.* déc 1997;131(6):888-93.  
172.
- Terasawa K, Ichinose E, Matsuishi T, Kato H. Neurological complications in Kawasaki disease. *Brain Dev.* 1983;5(4):371-4.  
173.
- Tirelli F, Marrani E, Giani T, Cimaz R. One year in review: Kawasaki disease. *Curr Opin Rheumatol.* janv 2020;32(1):15-20.  
174.
- Tomita S, Chung K, Mas M, Gidding S, Shulman ST. Peripheral gangrene associated with Kawasaki disease. *Clin Infect Dis.* janv 1992;14(1):121-6.  
175.
- Toubiana J, Poirault C, Corsia A, Bajolle F, Fourgeaud J, Angoulvant F, et al. Kawasaki-like multisystem inflammatory syndrome in children during the covid-19 pandemic in Paris, France: prospective observational study. *BMJ.* 3 juin 2020;369:m2094.  
176.
- Tremoulet AH, Best BM, Song S, Wang S, Corinaldesi E, Eichenfield JR, et al. Resistance to intravenous immunoglobulin in children with Kawasaki disease. *J Pediatr.* juill 2008;153(1):117-21.  
177.
- Tremoulet AH, Jain S, Chandrasekar D, Sun X, Sato Y, Burns JC. Evolution of laboratory values in patients with Kawasaki disease. *Pediatr Infect Dis J.* déc 2011;30(12):1022-6.  
178.
- Turnier JL, Anderson MS, Heizer HR, Jone P-N, Glodé MP, Dominguez SR. Concurrent Respiratory Viruses and Kawasaki Disease. *Pediatrics.* sept 2015;136(3):e609-614.  
179.
- Uehara R, Belay ED. Epidemiology of Kawasaki disease in Asia, Europe, and the United States. *J Epidemiol.* 2012;22(2):79-85.  
180.
- Umezawa T, Saji T, Matsuo N, Odagiri K. Chest x-ray findings in the acute phase of Kawasaki disease. *Pediatr Radiol.* 1989;20(1-2):48-51.  
181.
- Uziel Y, Hashkes PJ, Kassem E, Gottesman G, Wolach B. « Unresolving pneumonia » as the main manifestation of atypical Kawasaki disease. *Arch Dis Child.* oct 2003;88(10):940-2.  
182.
- Vaidya PC, Narayanan K, Suri D, Rohit MK, Gupta A, Singh S, et al. Pulmonary presentation of Kawasaki disease: an unusual occurrence. *Int J Rheum Dis.* déc 2017;20(12):2227-9.  
183.
- Wallace CA, French JW, Kahn SJ, Sherry DD. Initial intravenous gammaglobulin treatment failure in Kawasaki disease. *Pediatrics.* juin 2000;105(6):E78.  
184.

- Wang J-N, Chiou Y-Y, Chiu N-T, Chen M-J, Lee B-F, Wu J-M. Renal scarring sequelae in childhood Kawasaki disease. *Pediatr Nephrol.* mai 2007;22(5):684-9.
- 185.
- Wang W, Gong F, Zhu W, Fu S, Zhang Q. Macrophage activation syndrome in Kawasaki disease: more common than we thought? *Semin Arthritis Rheum.* févr 2015;44(4):405-10.
- 186.
- Waring NP, Ortenberg J, Galen WK, Robinson C, Baker A. Priapism in Kawasaki disease. *JAMA.* 24 mars 1989;261(12):1730-1.
- 187.
- Watanabe T. Acute Cystitis in a Patient With Kawasaki Disease. *International Journal of Clinical Pediatrics.* 17 juin 2013;2(1):37-9.
- 188.
- Watanabe T. Pyuria in patients with Kawasaki disease. *World J Clin Pediatr.* 8 mai 2015;4(2):25-9.
- 189.
- Watanabe T. Clinical features of acute kidney injury in patients with Kawasaki disease. *World J Clin Pediatr.* 30 août 2018;7(3):83-8.
- 190.
- Watanabe T, Abe T, Tsukano S. Acute kidney injury occurs only rarely in patients with Kawasaki disease. *Pediatr Res.* déc 2017;82(6):890-1.
- 191.
- Watanabe T, Abe Y, Sato S, Uehara Y, Ikeno K, Abe T. Sterile pyuria in patients with Kawasaki disease originates from both the urethra and the kidney. *Pediatr Nephrol.* juill 2007;22(7):987-91.
- 192.
- Wheeler RA, Najmaldin AS, Soubra M, Griffiths DM, Burge DM, Atwell JD. Surgical presentation of Kawasaki disease (mucocutaneous lymph node syndrome). *Br J Surg.* nov 1990;77(11):1273-4.
- 193.
- Yan F, Pan B, Sun H, Tian J, Li M. Risk Factors of Coronary Artery Abnormality in Children With Kawasaki Disease: A Systematic Review and Meta-Analysis. *Front Pediatr.* 2019;7:374.
- 194.
- Yanagawa H, Nakamura Y, Yashiro M, Ojima T, Tanihara S, Oki I, et al. Results of the nationwide epidemiologic survey of Kawasaki disease in 1995 and 1996 in Japan. *Pediatrics.* déc 1998;102(6):E65.
- 195.
- Yellen ES, Gauvreau K, Takahashi M, Burns JC, Shulman S, Baker AL, et al. Performance of 2004 American Heart Association recommendations for treatment of Kawasaki disease. *Pediatrics.* févr 2010;125(2):e234-241.
- 196.
- Yeom JS, Cho JY, Woo H-O. Understanding the importance of cerebrovascular involvement in Kawasaki disease. *Korean J Pediatr.* sept 2019;62(9):334-9.
- 197.
- Yi DY, Kim JY, Choi EY, Choi JY, Yang HR. Hepatobiliary risk factors for clinical outcome of Kawasaki disease in children. *BMC Pediatr.* 18 févr 2014;14:51.
- 198.

Yoskovitch A, Tewfik TL, Duffy CM, Moroz B. Head and neck manifestations of Kawasaki disease. *Int J Pediatr Otorhinolaryngol.* 15 avr 2000;52(2):123-9.

199.

Yu X, Liu X, Wang Y, Lu N, Wang M, Sun L. Kawasaki disease complicating bilateral facial nerve palsy and giant coronary artery aneurysms: A case report. *Medicine (Baltimore).* févr 2019;98(7):e14395.

200.

Zheng X, Yue P, Liu L, Tang C, Ma F, Zhang Y, et al. Efficacy between low and high dose aspirin for the initial treatment of Kawasaki disease: Current evidence based on a meta-analysis. *PLoS One.* 2019;14(5):e0217274.

201.

Zheng X, Zhang Y, Liu L, Yue P, Wang C, Zhou K, et al. N-terminal pro-brain natriuretic peptide as a biomarker for predicting coronary artery lesion of Kawasaki disease. *Sci Rep.* 20 mars 2020;10(1):5130.

202.

Zulian F, Falcini F, Zancan L, Martini G, Secchieri S, Luzzatto C, et al. Acute surgical abdomen as presenting manifestation of Kawasaki disease. *J Pediatr.* juin 2003;142(6):731-5.