STANDARD TREATMENT WORKFLOW (STW) KAWASAKI DISEASE

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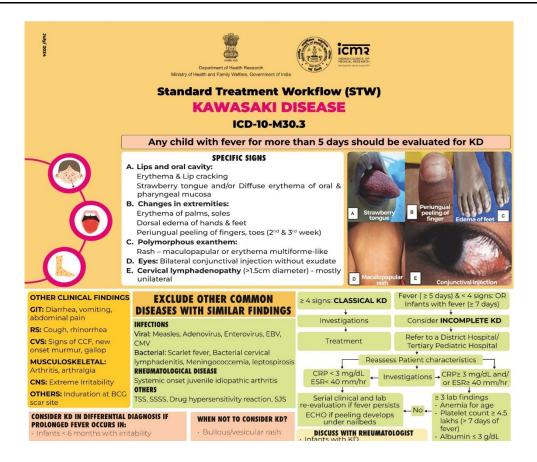
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		Standa	rd Treatment	t Wa	orkflow (S	TW)			
			KAWASAKI		SEASE				
			ICD-10-1	M30.	3				
		Any child	with fever for m	ore t	han 5 days s	hould be	evalua	ted for KD	
		A. Lips and oral ca	SPECIFIC SIGNS			S.A.	-0		
R. 735 A		Erythema & Lip	cracking			1			
Y		pharyngeal mud		rytnem	a or oral &			= markad	
		B. Changes in extr Erythema of pal	ms, soles		A	Strawberry tongue	B Periu peeli fin	ng of	
U U		Dorsal edema of Periungual peeli	hands & feet ng of fingers, toes (2ª	nd & 3rd	week)				
\sim		C. Polymorphous Rash – maculopa	exanthem: apular or erythema m	nultifor	me-like		-		
		D. Eyes: Bilateral c	onjunctival injection idenopathy (>1.5cm o	withou	ut exudate				
		unilateral	actiopatily (* i.setti e	anarriet		Maculopapul rash	ar E	Conjunctival injection	
THER CLINICA		LACLODE	OTHER COMMON		≥ 4 signs: CLASS	ICAL KD		days) & < 4 signs: OF ⁄ith fever (≥ 7 days)	
abdominal pain		DISEASES WIT	DISEASES WITH SIMILAR FINDINGS		↓ Investigatio	ons			
Viral: M		Viral: Measles, Ade	I: Measles, Adenovirus, Enterovirus, EBV,		+ Treatment		+ Refer to a District Hospital/		
		Bacterial: Scarlet fe	erial: Scarlet fever, Bacterial cervical				Tertiary Pediatric Hospital		
Arthritis, arthralgia RHE			ymphadenitis, Meningococcemia, leptospirosi REUMATOLOGICAL DISEASE		CRP < 3 mg/c	-	+	CRP≥ 3 mg/dL and	
NS: Extreme Iri		Systemic onset juv OTHERS	enile idiopathic arthriti	s	ESR< 40 mm,	/hr	stigations	or ESR≥ 40 mm/h	
car site	tion at BCO	TSS, SSSS, Drug hy	persensitivity reaction,	SJS	Serial clinica re-evaluation if f	ever persists		≥ 3 lab findings • Anemia for age • Platelet count ≥ 4.	
ONSIDER KD IN DIFFERENTIAL DIAGNOSIS IF PROLONGED FEVER OCCURS IN:			WHEN NOT TO CONSIDER KD?		ECHO if peelin under nai			 Platelet count ≥ 4. lakhs (> 7 days of fever) 	
Infants < 6 months with irritability Infants with unexplained aseptic meningitis			Bullous/vesicular rash Exudative conjunctivitis Exudative pharyngitis		Infants with KD Children with c)	Albumin ≤ 3 g/dL		
					 Children with coronary dilatation at time of diagnosis Children with shock and 		lation	 WBC ≥ 15,000/mm Urine > 10 WBC/hp 	
Infants or child culture –negat			Ulcerative oral lesions		 Children who have features of 		• Positive		
Infants or children with cervical lymphadenitis unresponsive to antibi		vical	Generalized iotics lymphadenopathy		May need primary intensification of			Echocardiogram Yes	
Infants or child phlegmon unr			· Splenomegaly		therapy in additi (Infliximab, Stere		oorine,	INCOMPLETE KD	
1 - 5			MANAGE		etc.)			Treatment	
NVESTIGATIONS		T TO LOOK FOR?	Desitive	OCARDIO	GRAPHY - TO BE D			RDIOLOGIST 2-D ECHO imaging:	
CBC ·		ocytosis –Neutrophil rombocytosis (in 2º	id,			ormal Normal	Air	n for highest olution & frame rate	
	CRP- 1 ESR- 1		RCA or LAD Z sc		.5 ≥ 2.5 to < 5 S	mall aneury redium ane	/sm pos	ssible ased array	
electrolytes .	LFT: SGOT,	SGPT - t, Albumin I trolytes – Sodium I	Coronary artery aneurysm	m ≥ 10 Giant			transducer with highes frequency possible		
LFT .	Urine micro	rine microscopy- Sterile pyuria · ≥ 3 of the foll CHO- Coronary artery LV dysfunctior						Narrow sector widt Adjust focus to	
microscopy	brightness,	s, perivascular lack of tapering, LV	regurgitation, pericardial		Right consury artery- hormal calitar	Lift ma		region of interest Reduce depth Zooming in	
Echocardio- gram	dysfunction pericardial	n, mitral regurgitatio effusion	score: 2 - 2.5	AD Z		19 ¹⁴		Optimize gain	
HEN TO START IV	162		TREATN	NENT	, Intravenou	simmunoa	lobulin-IV/	C (2g/kg) as a single	
In children who days of fever or	o meet diagr iset)		as possible (ideally wit		infusion ov	er 10-12 hou	rs	ided doses -till child	
(elevated ESR/	CRP) with fe	ver	nic inflammation is pres					sation of fever	
Inavailability of	ECHO shou	Id not delay IVIG if a	solution of previous ep diagnostic criteria are i	met				5 to 8 weeks	
LONG TERM THE			ARTERY INVOLVEMENT DURATION					CE (PERSISTENT OR HERAPY WITH IVIG)	
No involvement Only dilatation		5 mg/kg/day 5 mg/kg/day	6-8 weeks 6-8 weeks	IVIG		2g/kg IV		DURATION Single dose	
Small aneurysm Medium		5 mg/kg/day 5 mg/kg/day	Till aneurysm	Puls	ond infusion) e methyl		ously (10-30) 3-5 days	
aneurysm	+ Clopidog	grel 0.2-1mg/kg/day	resolves (Consult pediatric	follo	Inisolone wed by	mg/kg/di	ay)		
Giant aneurysm	+ Anticoag		cardiologist)		prednisolone pering doses	2mg/kg		Till CRP is normal, then	
	loading, th	0.2 mg/kg/day nen 0.1mg/kg/day						taper over 2-3 weeks	
		1mg/kg/day) esistant to Aspirin - u	use Clopidogrel	Inflix	kimab	5mg/kg I 3-4 hours		Single dose	
*If patient is		• 9997499	ABBREVA	TION	S				
*If patient is	ad Count	KD: Kawasaki Disease LAD: Left anterior Des	LV: Le cending Artery MAS:	eft Ventr Macrop	icle hage Activation Synd	drome	SSSS:	evens-Johnson Syndron Staphylococcal Scalded	
CBC: Complete Blo CMV: Cytomegalov	irus			Dight og	ronary Artery			Skin Syndrome	
CBC: Complete Blo	irus otein /irus	LFT: Liver Function Tes LMWH: Low Molecular	Weight Heparin SGOT	: Serum	Glutamic Oxaloacet Glutamic-Pyruvic Tr			oxic Shock Syndrome White Blood Cell	