

## श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान, त्रिवेंद्रम , केरल– 695 011 (एक राष्ट्रीय महत्व का संस्थान, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार) SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, TRIVANDRUM KERALA – 695 011

## Entrance Examination 2020- DM \_Cardiovasc\_Imaging & Vasc\_ Int\_ Radiology

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SI No	Question	Answer	OptionA	OptionB	OptionC	OptionD
1		С				
1	Most common material used in self expanding metal stent is	c	Cobalt chromium	Alnico	Nitinol	Stainless steel
2	Which of the following is not a cause of dilated aortic root	D	Marfan syndrome	Bechet syndrome	Syphilis	Turner syndrome
					- /	
3		D	Hepatic	Right ventricular	Severe Porto-	Severe right hydrothorax
	Contraindication to TIPSS shunt include all of the following except		encephalopathy	overload	pulmonary hypertension	,
			Type A aortic			Intramural
4		С	dissection is more	Hypertension is highly	Surgery is the mainstay	hematoma is a
			common than type	associated with type A	of type B aortic	risk factor of
	Which of the following is not true regarding aortic dissection?		B dissection	aortic dissection	dissection	aortic dissection Significant renal
5	Sharma criteria is used in the diagnosis of	A	Takayasu arteritis	Cardiac tamponade	Marfan syndrome	artery stenosis
6	· · · · · · · · · · · · · · · · · · ·	А				
	Opening of Buhlers collaterals is seen in diseases affecting		Coeliac artery	Right subclavian artery	Popliteal artery	Juxta-renal aorta
_						Retrograde wire
7	Which of the following has the highest risk factor for	В	Guidewire	High femoral artery	Low femoral artery	induced dissection of femoral artery
	retroperitoneal hematoma post catheterization of femoral vessels?		perforation of aorta	puncture	puncture	or remoral artery
8	Most common site for stenosis in AV fistula for dialysis is at	C	Arterial site of fistula	At the level of anastomosis	Venous end close to fistula	Central vein
9	The ideal investigation modality for diagnosis of peripheral vascular	А		Dual energy CT	DC 4	Doppler
	disease in diabetic foot with normal serum creatinine is		MR angiogram	angiogram	DSA	
10	Fontan procedure is done in univentricular heart . The anastomosis	С	Systemic veins to	Systemic veins to left	Systemic veins to	Pulmonary artery
	in such a procedure is from		aorta	atrium	pulmonary artery	to ascending aorta
11		В	Dynamic cardiac	Reduced radiation to		Relatively good imaging even in
	Prospective cardiac CT acquisition has the greatest advantage in	D D	examination	patient	Faster acquisition	high heart rates
12		в		Measuring severity of	Measuring porto-	Measuring
12		Б	Devising protocol	peripheral vascular	systemic gradients in	severity of carotid
	TASC guidelines are used in		in aortic aneurysm	disease in CT	chronic liver disease	stenosis
13		А		Cardiac volvulus	Left ventricular	
	Epicardial fat-pad sign in chest radiographs is suggestive of		Pericardial effusion		aneurysm	Right atrial dilation
						Free breathing MR
						sequence can help in detecting the
14		с	Calcification of pericardium is	Thickness of	Calcification is a	ventricular
			highly suggestive of	pericardium more than	prerequisite to	interactions in
			tuberculous	4mm is suggestive of	constriction of	constrictive pericarditis
	Regarding constrictive pericarditis which of the following is not true Which of the following is not a differential in preferential		etiology	constriction	pericardium	periodiantis
15	involvement of temporal lobe?	D	Herpes encephalitis	Syphilis	Limbic encephalitis	CNS lymphoma
16	Right side of mediastinal shadow is not formed by	D	SVC	Right innominate	Right atrium	Right ventricle
17		D	Hyperparathyroidis	en 1 1 1		
	Calcification of meniscal cartilage is seen in In a Brodie abscess, there is a layer of hyper intense T1 signal		m	Fibrous dysplasia	Acromegaly	Pseudogout
18	peripheral to the abscess cavity. What is the term used to describe	В				
	that layer?		Sequestrum.	Penumbra sign.	Target appearance.	Halo sign.
19		А	Extrahepatic portal	Hepatic arterial	Cholangiocarcinoma of	
	Pseudo-scalloping cholangitis sign on imaging is a feature of		vein obstruction	occlusion	bile duct	Mirrizzi syndrome
20		D			Renal angiomyolipoma	Mesoblastic
<u> </u>	Most common renal tumour in infants is		Lymphoma	Metanephric adenoma Giant cell tumour of	3. ,	nephroma
21	Which of the following tumour crosses the joint space	В	Osteoid osteoma	bone	Osteochondroma	Ewing's sarcoma
22	All of the following increases signal to noise ratio in MR imaging	D			Longer TR	Decreased slice
	except		Larger voxel size	Increasing NEX	Bei	thickness The losion most
			Osteochondritis			The lesion most commonly
22	All are true regarding Osteochondritis dissecans except	^	dissecans affects		A linear defect in the	involves the
23	An are true regarding Osteochondritis dissecans except	A	people who are		articular cartilage is	lateral aspect of
1			more than 50 years of age.	It is more common in males	best seen in fast supressed T2W images	the medial femoral condyle
		_	51 age.	110/03	Lymphangitis	
24	Peri lymphatic nodules in lung is seen in	D	Sarcoidosis	Silicosis	carcinomatosis	All of the above
25		С	Pulmonary arterial	Left ventricular	Loft strip process	Nana of the shee
	Pulmonary artery wedge pressure is a measure of		pressure	pressure	Left atrial pressure	None of the above Inferior
26		В	Femoral artery	Infrapopliteal	Renal angioplasty	mesenteric vessel
	Angiosome based revascularisation theory is better applied in		angioplasty	angioplasty		bypass
27	The ideal position of IVC filter is	A	Infrarenal IVC Pulmonary artery	Juxta renal IVC Aberrant right	Suprarenal IVC	Intrahepatic IVC
28	Indentation of anterior oesophageal wall is produced by	А	sling	subclavian artery	Double aortic arch	All of the above
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	Which of the following vascular anomaly of brain usually doesn't					
29	require treatment ?	D	Pial AVM	Dural AVM	AV fistula	Venous angioma
30	Which of the following is/are common complication(s) of pulmonary AVM	А	Haemoptysis	Pulmonary artery hypertension	Lung abscess	All of the above
31		D				
32	Bicuspid aortic valve is associated with Which of the following is a liquid embolization agent	A	Aortic stenosis NBCA	Aortic regurgitation Tantalum	Aortic aneurysm Embosphere	All of the above All of the above
33	Vascular groove sign in CT is seen in	С	Osteoblastoma	Chondrosarcoma	Osteoid osteoma	Ewing's sarcoma
34	Which of the following technique is preferred in arterial imaging in	В			0.65	TRANCE
35	non-contrast MR angiogram of brain MRI of a young woman shows swelling and T2 prolongation of the bilateral thalami and basal ganglia, consistent with infarction. Which of the following venous structures is probably thrombosed? Sonography of a nontender, palpable testicular mass in a young	D	2D TOF Superior sagittal sinus	3D TOF Inferior sagittal sinus	QISS Labbes vein	TRANCE Internal cerebral vein
36	adult man shows a well circumscribed mass in the testis with alternating hyperechoic and hypoechoic rings. Which of the following is the most likely diagnosis?	С	Seminoma'	Lymphoma	Epidermoid cyst	Adematoid tumor
37	Regarding a percutaneous biliary intervention procedure which is false;	В	Balloon dilatation is a good therapeutic option for stricture of biliary anastomosis	Metallic stents are routinely used for benign biliary stricture	Gross ascites is a contraindication	Ring biliary catheter is an internal external drainage catheter
38	20 year old man presents with dyspnoea. Chest radiograph reveals a right sided hyperlucent lung. Expiratory film reveals air trapping . CT reveals a small pulmonary artery right . The most likely diagnosis is	В	Pulmonary hypoplasia	Sweyer-james syndrome	Poland syndrome	Scientia's syndrome
39	Most common site of thoracic aorta involved in blunt high velocity trauma is	В	Aortic root	Aorta at level of isthmus	6 cm below the level of isthmus	At the level of diaphragmatic hiatus
40	A 48-year-old man presents with diplopia and occipital headache of 3 months' duration. MRI shows the tumour to be hypointense on T1 images and heterogeneously hyperintense on T2 images with prominent enhancement. Histopathology reveals numerous vacuolated cells. What is the most likely diagnosis?	A	Chordoma	Chondrosarcoma	Metastasis	Paraganglioma
41	All the following statements regarding renal lymphomas are true except	В	Majority are secondary	Lymphomas arise from intrarenal lymphatics	Lesions are hypointense relative to renal cortex on T1W images	Non Hodgkin's lymphoma are more common than Hodgkin's
42	The kVP of digital chest radiographs is in the range of	D	80kVp	90kVp	100kVp	120KvP
43		D	SARS cannot be confidently	The chest radiograph (CXR) findings are often indistinguishable from other causes of	The right lung is more	Calcification, cavitation, pleural effusions and lymphadenopathy are common findings in the
	Which of the following statements regarding SARS- Covid 19 is false?		diagnosed with a single test.	atypical pneumonia.	commonly affected than the left.	paediatric population.
44		c	diagnosed with a	atypical pneumonia. Lateral view is not useful.	commonly affected	paediatric
44	false?	C	diagnosed with a single test. They are more common on the right side. The transverse sinus of the pericardium is situated anterior to the ascending aortic root.	Lateral view is not	commonly affected than the left. They may cause difficult visualisation of	paediatric population. They require no
	false? Are the following statements regarding pericardial defects true?		diagnosed with a single test. They are more common on the right side. The transverse sinus of the pericardium is situated anterior to the ascending	Lateral view is not useful. In the anomalous innominate artery compression syndrome, the anterior wall of the trachea is indented by the right	commonly affected than the left. They may cause difficult visualisation of the right heart border. Further investigations are required in patients with a right-sided aortic arch and mirror branch	paediatric population. They require no intervention. The right atrium typically enlarges in a posterior
45	false? Are the following statements regarding pericardial defects true? In the mediastinum identify which is false?	A	diagnosed with a single test. They are more common on the right side. The transverse sinus of the pericardium is situated anterior to the ascending aortic root. Left-superior lucency is due to herniation of right upper lobe across	Lateral view is not useful. In the anomalous innominate artery compression syndrome, the anterior wall of the trachea is indented by the right brachiocephalic artery. Lingula contribute to a	commonly affected than the left. They may cause difficult visualisation of the right heart border. Further investigations are required in patients with a right-sided aortic arch and mirror branch imaging. Most common cause is	paediatric population. They require no intervention. The right atrium typically enlarges in a posterior direction. Lucency in Luftsichel sign extend till pleural
45	false? Are the following statements regarding pericardial defects true? In the mediastinum identify which is false? Regarding "Luftsichel sign "– true statement is	A C	diagnosed with a single test. They are more common on the right side. The transverse sinus of the pericardium is situated anterior to the ascending aortic root. Left-superior lucency is due to herniation of right upper lobe across sternum The accessory hemiazygos system drains into the hemiazygos system	Lateral view is not useful. In the anomalous innominate artery compression syndrome, the anterior wall of the trachea is indented by the right brachiocephalic artery. Lingula contribute to a border of the lucency The coronary sinus opens into the left	commonly affected than the left. They may cause difficult visualisation of the right heart border. Further investigations are required in patients with a right-sided aortic arch and mirror branch imaging. Most common cause is SCC The internal thoracic (mammary) veins drain into the superior aspect of the brachiocephalic	paediatric population. They require no intervention. The right atrium typically enlarges in a posterior direction. Lucency in Luftsichel sign extend till pleural margin The great cardiac vein ascends in the anterior interventricular groove.ir &
45 46 47	false?   Are the following statements regarding pericardial defects true?   In the mediastinum identify which is false?   Regarding "Luftsichel sign "- true statement is   Find the true statement regarding the venous anatomy of the chest?	A C D	diagnosed with a single test. They are more common on the right side. The transverse sinus of the pericardium is situated anterior to the ascending aortic root. Left-superior lucency is due to herniation of right upper lobe across sternum The accessory hemiazygos system drains into the hemiazygos system at T12. The CO2 cylinder can be connected directly to the patient via a safety	Lateral view is not useful. In the anomalous innominate artery compression syndrome, the anterior wall of the trachea is indented by the right brachiocephalic artery. Lingula contribute to a border of the lucency The coronary sinus opens into the left atrium.	commonly affected than the left. They may cause difficult visualisation of the right heart border. Further investigations are required in patients with a right-sided aortic arch and mirror branch imaging. Most common cause is SCC The internal thoracic (mammary) veins drain into the superior aspect of the brachiocephalic veins. CO2 venography is contraindicated in patients with right-to-	paediatric population. They require no intervention. The right atrium typically enlarges in a posterior direction. Lucency in Luftsichel sign extend till pleural margin The great cardiac vein ascends in the anterior interventricular groove.ir & Abrahams'

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50	Are the following statements regarding deep vein thrombosis (DVT) true except ?	D	Tamoxifen is a risk factor.	Venograms are falsely negative in approximately10% of cases	Bilateral negative venograms may sometimes be seen with proved pulmonary emboli.	Venous diameter twice that of the artery suggests old established clot.
	The true secondary sign on MRI which help in the diagnosis of an anterior cruciate ligament tear is	В	Avulsion fracture of the posterior tibial eminence.	Buckled posterior	Uncovering of medial	Bone bruise in the anterior tibial plateau
	Which one of the following is the most likely MRI finding of hypertrophic cardiomyopathy?	D	Dilated left ventricle	Mitral regurgitation	Reduced cardiac contractility	Systolic anterior motion of the mitral valve
53	A neonate is diagnosed with congenital tracheoesophageal (TE) fistula. A plain film demonstrates a gasless abdomen. Which type of TE fistula is associated with this finding?	A	Туре В	Туре С	Type D	Туре Е
54	In a patient with malabsorption, small bowel meal shows dilatation of the proximal small bowel loops but a normal mucosal fold pattern. Which one of the following is the most likely underlying diagnosis?	A	Coeliac disease	Eosinophilic gastroenteritis	Whipple disease	Giardiasis
55		В	It typically occurs	CT demonstrates nodal mass with uniform enhancement following intravenous contrast	Nodal calcification is a feature	Lymph nodes
56	False regarding Castleman's disease is? A chylous pleural effusion will occur in the following except	C	in the young Hodgkin's disease involving mediastinum	Post Fontan surgery	Scleroderma	Filariasis
57	Expiratory HRCT of the thorax may be useful in all of the following conditions except	А	Langerhans' cell histiocytosis	Bronchiolitis obliterans		Sarcoidosis
58	Which of the following is FALSE regarding trauma to the gastrointestinal tract?	В	Acutely clotted blood within the abdomen typically' has CT attenuation values of 50-60 Hounsfield units (HU)	The terminal ileum is the most common site of bowel laceration	A small hypodense spleen is a feature of haemorrhagic shock	Interloop fluid of water density on CT is a useful sign of bowel perforation
	Which of the following is false regarding fibrolamellar hepatocellular carcinoma?	A	The majority are associated with elevated alphafetoprotein	A central scar is present in 50% of cases on ultrasonography	Calcification is usually seen on CT	There is arterial phase enhancement of the tumour following intravenous gadolinium on MRI
60	Which of the following liver lesions may demonstrate signal loss on out-of-phase (opposed phase) MRI?	D	Haemangioma	Cholangiocarcinoma	Lymphoma	Hepatocellular adenoma
61	Dilatation of second part of duodenum is seen in all except	D	Henoch-Schonlein Purpura	Acute pancreatitis	Mongolism	Biliary Atresia
62	In hydatid disease, which of the following is true?	В	Peritoneal seeding occurs in a large proportion of liver hydatid disease	Calcification is seen radiographically in 30% of cases with liver involvement	Hepatic hydatid cysts typically have a high signal rim on T2- weighted MRI	Rupture of the hepatic cysts occurs in 10% of cases
63	Regarding carcinoid tumour of the gastrointestinal tract, which of the following is false?	A	Multiple lesions are rare	Metastases from carcinoid of the appendix are rare	Low-density lymphadenopathy is a feature on CT	One third of patients have a second malignancy
64	Regarding the anatomy and development of the renal tract and adrenal gland, which of the following is false?	В	The adult kidney is formed directly from the metanephros	The posterior urethra in men is formed by the prostatic and bulbous segments	There are usually three adrenal arteries and one adrenal vein bilaterally	The bladder develops from the cloaca
65	Which of the following is FALSE of renal neoplasms?	С	Oncocytomas can be confidently differentiated from renal cell carcinoma on imaging	Calcification is seen in 15% of oncocytomas	Juxtaglomerular cell tumours (reninomas) are typically vascular tumours	Metastases are the most common malignant tumour of the kidney
66	Which one of the following statements is true regarding the radiographic appearance of lung metastases?	В	Calcification is commonly seen in lung metastases Looser's zones	Cavitation is most commonly seen in squamous cell carcinoma metastases Looser's zones are	They are usually central in distribution	They are usually irregular in shape and ill defined
67	Which of the following statements is false regarding osteomalacia?	В	show increased uptake on radionuclide bone scan	Looser's zones are most commonly seen along the medial border of the humeral neck	There is an association with neurofibromatosis.	It causes loss of the lamina dura of the teeth
		В	Ehlers-Danlos syndrome	Marfan's syndrome	Achondroplasia	Turner's syndrome

69	Which of the following regarding bone marrow imaging is false ?	В	Marrow infiltration is usually best detected on T1- weighted images	Reconversion of yellow marrow to red marrow proceeds from the peripheral to the axial skeleton	MRI abnormality in myelofibrosis is typically patchy in distribution	Chemical shift imaging is useful in detecting marrow infiltration
70	Following are true of right aberrant subclavian artery except	В	Usually asymptomatic	Goes between trachea and oesophagus	May be diagnosed on a barium swallow	Arises distal to left subclavian artery
71	Concerning neuronal migration disorders, which of the following is false ?	A	In Schizencephaly the cleft is lined by mature white matter	The septum pellucidum is absent in 90% of cases of Schizencephaly	Nodular heterotopias do not enhance and are isointense to cortical grey matter	Polymicrogyria is most common around the sylvian fissure
72	Regarding transjugular intrahepatic porto-systemic shunts (TIPS), which of the following is false?	A	The aim is to produce a porto- systemic shunt gradient of approximately 5 mm Hg	Embolisation of varices can be performed as part of the procedure	Right-sided heart failure is a relative contraindication	Ultrasound is accurate in the assessment of shunt patency
73	Regarding Doppler ultrasound of peripheral arteries, which of the following is false?	D	Triphasic blood flow in a normal artery implies a high-resistance distal vascular bed	Power Doppler is independent of the angle of the incident ultrasound waves on the vessel	Resistive index is calculated from the maximum systolic velocity minus the maximum end diastolic velocity divided by the- maximum systolic velocity	In the majority of patients, the internal carotid artery (ICA) is postero-medial to the external carotid artery (ECA)
74	Central cyanosis is feature in all except	D	Complete trans position of great vessels	Fallot's tetralogy	Tricuspid atresia	Coronary artery fistula
75	Regarding the Dandy-Walker malformation, which of the following is false?	С	The posterior fossa is enlarged	The floor of the fourth ventricle is present	The vermian remnant is inferiorly displaced	Obstructive hydrocephalus occurs in about 80°% of cases
76	Posterior vertebral scalloping is absent in?	D	Ankylosing spondylitis	Hurler's syndrome	Achondroplasia	Hypothyroidism
77	Concerning the Sturge-Weber syndrome, which of the following is false?	с	The cutaneous lesion is most common in the distribution of the ophthalmic nerve Hypoparathyroidis	The cortical abnormalities are usually on same side of the cutaneous lesion	lpsilateral choroid plexus atrophy is common	It is associated with Klippel- Trenaunay syndrome Cockayne's
		В	riypopulatilyrolais			
78	Calcification of the basal ganglia is NOT seen in?	0	m	Hyperthyroidism	Fahr's disease	syndrome
78	Calcification of the basal ganglia is NOT seen in? Which of the following is false regarding herpes simplex encephalitis (HSE)?	c	It is the most common nonepidemic cause of viral encephalitis	Hyperthyroidism In neonates, it is usually caused by herpes simplex vims type 2 (HSV-2)	Fahr's disease Adult infection classically affects the limbic system bilaterally and symmetrically	syndrome The basal ganglia tend to be spared in adult HSE
	Which of the following is false regarding herpes simplex		It is the most common nonepidemic cause	In neonates, it is usually caused by herpes simplex vims	Adult infection classically affects the limbic system bilaterally	The basal ganglia tend to be spared
79	Which of the following is false regarding herpes simplex encephalitis (HSE)? Diffuse peripheral thickening of coronary arteries is seen in which	с	It is the most common nonepidemic cause of viral encephalitis Fibromuscular	In neonates, it is usually caused by herpes simplex vims type 2 (HSV-2)	Adult infection classically affects the limbic system bilaterally and symmetrically	The basal ganglia tend to be spared in adult HSE
79	Which of the following is false regarding herpes simplex encephalitis (HSE)? Diffuse peripheral thickening of coronary arteries is seen in which of the following conditions Regarding Doppler ultrasound of peripheral arteries, which of the	С В	It is the most common nonepidemic cause of viral encephalitis Fibromuscular dysplasia Triphasic blood flow in a normal artery implies a high-resistance	In neonates, it is usually caused by herpes simplex vims type 2 (HSV-2) IgG4 disease Power Doppler is independent of the angle of the incident ultrasound waves on	Adult infection classically affects the limbic system bilaterally and symmetrically <u>Coronary dissection</u> The resistive index is calculated from the maximum systolic velocity minus the maximum end diastolic velocity divided by the- maximum systolic	The basal ganglia tend to be spared in adult HSE Kawasaki disease In the majority of patients, the internal carotid artery (ICA) is postero-medial to the external carotid artery
79 80 81	Which of the following is false regarding herpes simplex encephalitis (HSE)? Diffuse peripheral thickening of coronary arteries is seen in which of the following conditions Regarding Doppler ultrasound of peripheral arteries, which of the following is false? Regarding fibromuscular dysplasia (FMD), which of the following is	C B D	It is the most common nonepidemic cause of viral encephalitis Fibromuscular dysplasia Triphasic blood flow in a normal artery implies a high-resistance distal vascular bed It characteristically affects the mid and distal main renal	In neonates, it is usually caused by herpes simplex vims type 2 (HSV-2) IgG4 disease Power Doppler is independent of the angle of the incident ultrasound waves on the vessel It most commonly affects the vessel	Adult infection classically affects the limbic system bilaterally and symmetrically Coronary dissection The resistive index is calculated from the maximum systolic velocity minus the maximum end diastolic velocity divided by the- maximum systolic velocity Renal FMD is usually	The basal ganglia tend to be spared in adult HSE Kawasaki disease In the majority of patients, the internal carotid artery (ICA) is postero-medial to the external carotid artery (ECA) Transluminal angioplasty has a high long-term success rate in
79 80 81 82	Which of the following is false regarding herpes simplex encephalitis (HSE)? Diffuse peripheral thickening of coronary arteries is seen in which of the following conditions Regarding Doppler ultrasound of peripheral arteries, which of the following is false? Regarding fibromuscular dysplasia (FMD), which of the following is false? Mid myocardial enhancement in myocardium in late gadolinium	C B D B	It is the most common nonepidemic cause of viral encephalitis Fibromuscular dysplasia Triphasic blood flow in a normal artery implies a high-resistance distal vascular bed It characteristically affects the mid and distal main renal artery Ischemic heart disease	In neonates, it is usually caused by herpes simplex vims type 2 (HSV-2) IgG4 disease Power Doppler is independent of the angle of the incident ultrasound waves on the vessel It most commonly affects the vessel intima Dilated cardiomyopathy It may present with complete opacification of the affected lobe	Adult infection classically affects the limbic system bilaterally and symmetrically Coronary dissection The resistive index is calculated from the maximum systolic velocity minus the maximum end diastolic velocity divided by the- maximum systolic velocity Renal FMD is usually bilateral	The basal ganglia tend to be spared in adult HSE Kawasaki disease In the majority of patients, the internal carotid artery (ICA) is postero-medial to the external carotid artery (ECA) Transluminal angioplasty has a high long-term success rate in renal FMD
79 80 81 82 83	Which of the following is false regarding herpes simplex encephalitis (HSE)? Diffuse peripheral thickening of coronary arteries is seen in which of the following conditions Regarding Doppler ultrasound of peripheral arteries, which of the following is false? Regarding fibromuscular dysplasia (FMD), which of the following is false? Mid myocardial enhancement in myocardium in late gadolinium sequence is noted in Regarding congenital lobar emphysema, which of the following is	C B D B B	It is the most common nonepidemic cause of viral encephalitis Fibromuscular dysplasia Triphasic blood flow in a normal artery implies a high-resistance distal vascular bed It characteristically affects the mid and distal main renal artery Ischemic heart disease Insertion of a chest drain is often	In neonates, it is usually caused by herpes simplex vims type 2 (HSV-2) IgG4 disease Power Doppler is independent of the angle of the incident ultrasound waves on the vessel It most commonly affects the vessel intima Dilated cardiomyopathy It may present with complete opacification	Adult infection classically affects the limbic system bilaterally and symmetrically <u>Coronary dissection</u> The resistive index is calculated from the maximum systolic velocity minus the maximum end diastolic velocity divided by the- maximum systolic velocity Renal FMD is usually bilateral Fabry disease The left upper lobe is most frequently	The basal ganglia tend to be spared in adult HSE Kawasaki disease In the majority of patients, the internal carotid artery (ICA) is postero-medial to the external carotid artery (ECA) Transluminal angioplasty has a high long-term success rate in renal FMD Sarcoidosis It is associated with congenital
79 80 81 82 83 84	Which of the following is false regarding herpes simplex encephalitis (HSE)? Diffuse peripheral thickening of coronary arteries is seen in which of the following conditions Regarding Doppler ultrasound of peripheral arteries, which of the following is false? Regarding fibromuscular dysplasia (FMD), which of the following is false? Mid myocardial enhancement in myocardium in late gadolinium sequence is noted in Regarding congenital lobar emphysema, which of the following is false ?	C B D B B A	It is the most common nonepidemic cause of viral encephalitis Fibromuscular dysplasia Triphasic blood flow in a normal artery implies a high-resistance distal vascular bed It characteristically affects the mid and distal main renal artery Ischemic heart disease Insertion of a chest drain is often curative A sclerotic rim around the epiphysis Pleural effusion	In neonates, it is usually caused by herpes simplex vims type 2 (HSV-2) IgG4 disease Power Doppler is independent of the angle of the incident ultrasound waves on the vessel It most commonly affects the vessel intima Dilated cardiomyopathy It may present with complete opacification of the affected lobe A metaphyseal spur projecting at right angles to the long axis	Adult infection classically affects the limbic system bilaterally and symmetrically Coronary dissection The resistive index is calculated from the maximum systolic velocity minus the maximum end diastolic velocity divided by the- maximum systolic velocity Renal FMD is usually bilateral Fabry disease The left upper lobe is most frequently affected	The basal ganglia tend to be spared in adult HSE Kawasaki disease In the majority of patients, the internal carotid artery (ICA) is postero-medial to the external carotid artery (ECA) Transluminal angioplasty has a high long-term success rate in renal FMD Sarcoidosis It is associated with congenital heart disease Craniotabes Distended azygos vein
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91	Nephrocalcinosis is commonly seen in all except	D	Renal tubular acidosis	Medullaary sponge kidney	Hyperparathyroidism	Chronic glomerulo nephritis
92	Regarding Popliteal entrapment syndrome all are true except	В	Can be bilateral	Arteriorgam shows lateral deviation of popliteal artery	Posterio tibial artery Doppler waveform diminished during active Muscle contractions	Slowly progressive unilateral claudication
93	In Down's syndrome there is an increased incidence of following except	В	Atlantoaxial dislocation	Large Acetabular angle and iliac index	Clinodactyly	Underdevelopmen t of teeth.
94	Dilated air filled oesophagus may be seen in	D	Epidemolysis Bullosa	Cystic Fibrosis	Rubella syndrome	Scleroderma
95	In arteriovenous malformation of lung the following are true except	В	Valsalva manoeuvre reduces the size	Common in upper lobes	They may calcify	Associated with GI telangietasia
96	Which is NOT true in the following associations	D	Hemihypertrophy and Wilms' tumour	Secondary polycythaemia and hydronephrosis	Single umbilical arteries and congenital anomalies	Hurles' syndrome and coax vara
97	Increased skull markings of meningeal vessels is found in	D	Vein of Galen aneurysm	Hypoparathyroidism	Arteritis Obliterans	Para sagittal meningioma
98	The following are true of mitral valve prolapse except	D	Associated with Marfan's syndrome	Usually benign	Associated with Ehlers –Danlos syndrome	More common in males
99	In Kienbock's disease which of the bone is radiologically dense and deformed	В	Scaphoid	Lunate	Triquetrum	1st Metacarpal
100	Following are the features of Hurler's syndrome except	A	CoxaVara	J shaped Sella	Hepatosplenomegaly	Hand abnormalities are more than that of feet