

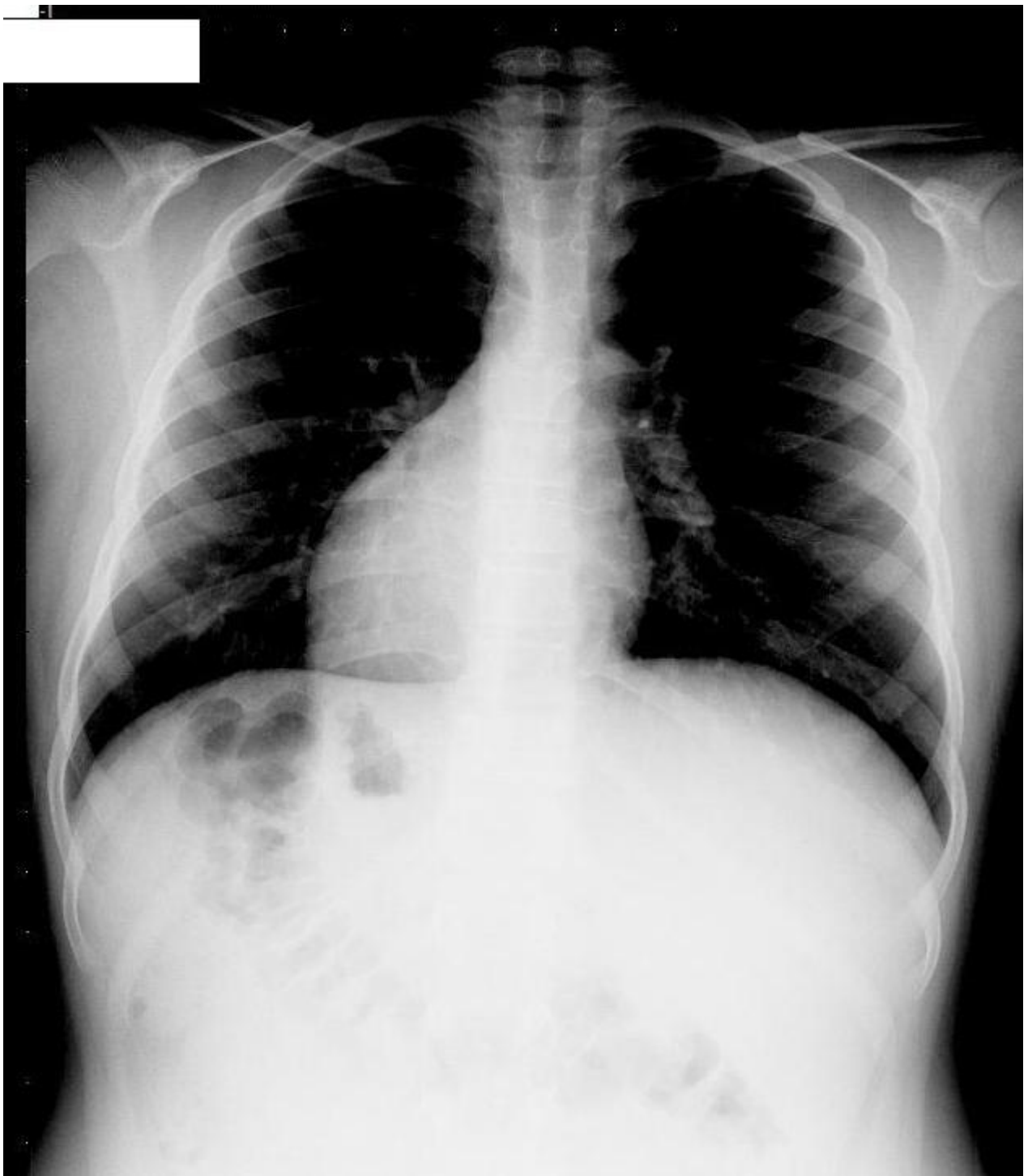
Paciente masculino de 12 años con situs inversus – 2012

Jesús Antonio Campuzano Chacon

Se trata de un paciente masculino de 12 años, ingresado a sala urgencias por dolor abdominal en estudio y alta posibilidad de apendicitis, sin antecedentes relevantes previos, así como quirúrgicos que al realizar Rx de abdomen encontramos sombra hepática en cuadrante superior izq. Agrego en adjunto la Rx de abdomen así como tele tórax y ECG tomado de forma habitual y el segundo en donde se cambian los electrodos de los miembros y las precordiales a la derecha. Espero sea de su interés.

Jesús Antonio Campuzano Chacon
Urgenciólogo. México

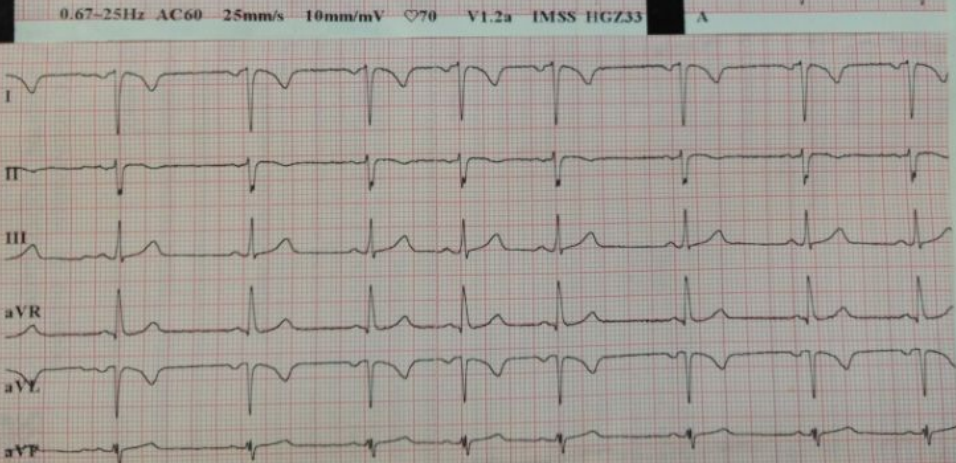
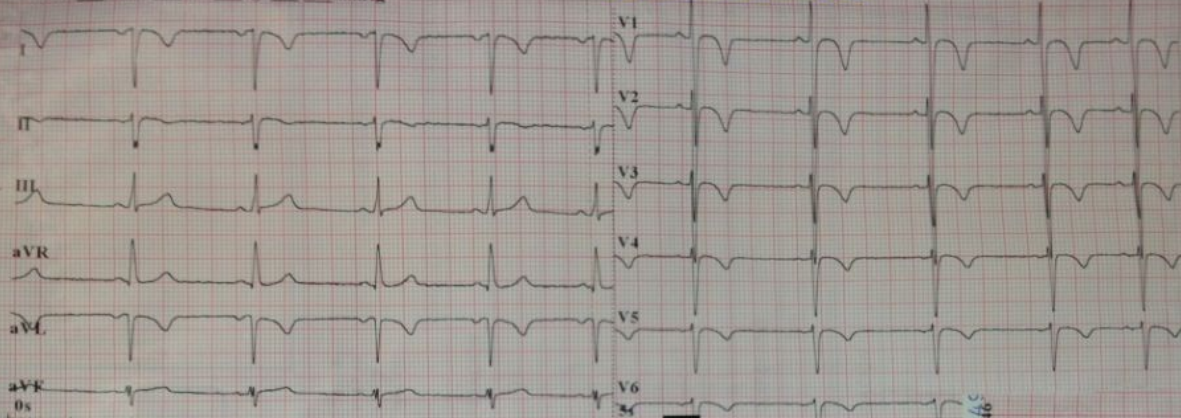




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26-05-2012 10:09:46

Masc Años cm kg mmHg



0.67-25Hz AC60 25mm/s 10mm/mV 82 V1.2a IM GZ33 UCI A

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HR	60	BPM	Código Minnesota:
P Dur	86	ms	8-6-2
PR int	123	ms	4-3-1 (I, aVL)
QRS Dur	110	ms	5-1-0 (V2)
QT/QTc int	403/403	ms	8-2-1 (I, aVL, V5, V6)
P/QRS axis	157/183/153	ms	9-4-2 (V4)
RV5+SV1 amp	0.156/2.459	mV	2-2-0
RV5+SV1 mV	2.615	mV	
RV6+SV2 amp	0.107/2.539	mV	



OPINIONES DE COLEGAS

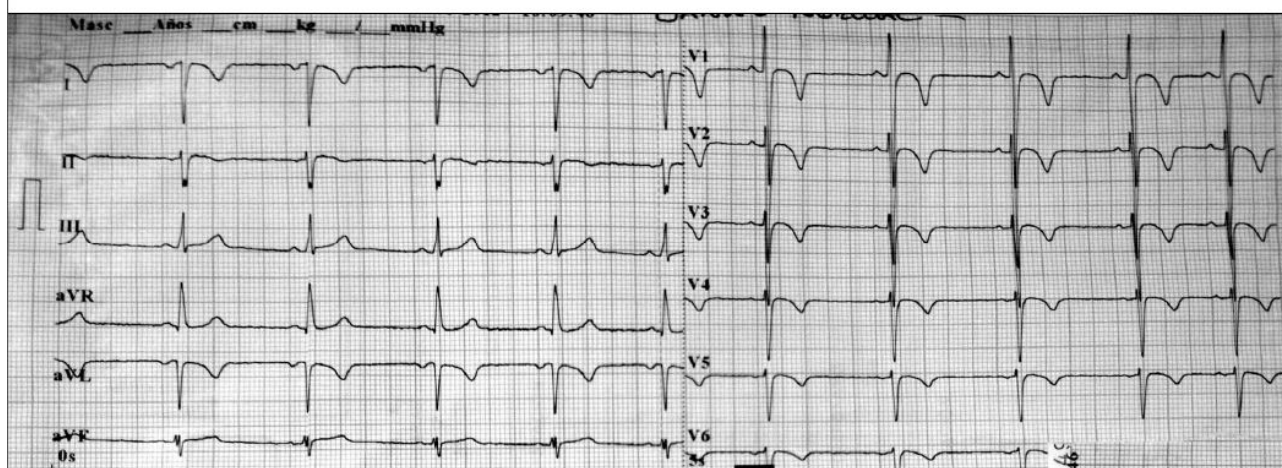
Hola Maestro Edgardo

Le adjunto la presentación que hizo el Dr. Andrés Ricardo Pérez Riera, minimizada lo más que pude

Saludos.
Perdón por las fallas

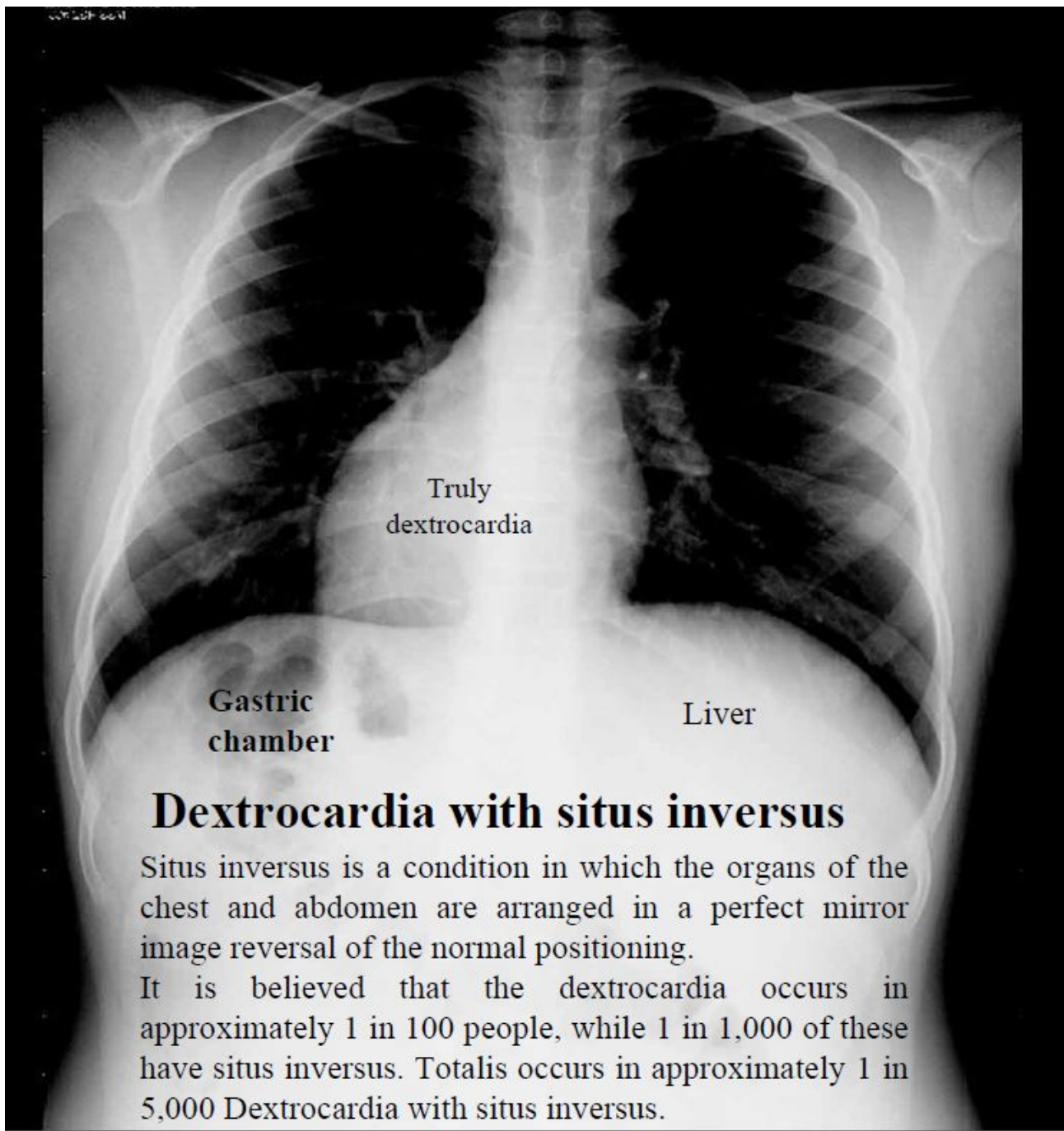
Jesús Antonio Campuzano Chacon

Dextrocardia with situs inversus



Este ECG pertenece a un paciente de 12 años, ingresado al departamento de urgencias por cuadro abdominal quirúrgico, sin antecedentes relevantes, salvo su patología abdominal que está hasta el momento en proceso de estudio para descartar apendicitis aguda.

This ECG belongs to a 12 year old patient was admitted to the emergency department for abdominal surgical picture, no relevant history except his abdominal pathology is so far being studied to rule out acute appendicitis.

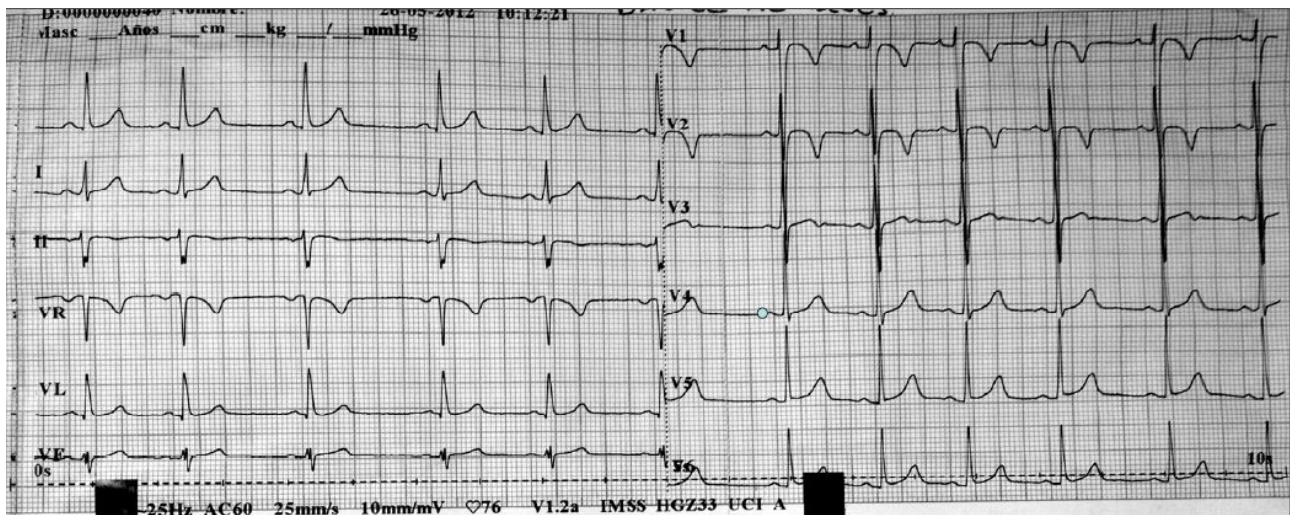


Dextrocardia with situs inversus

Situs inversus is a condition in which the organs of the chest and abdomen are arranged in a perfect mirror image reversal of the normal positioning.

It is believed that the dextrocardia occurs in approximately 1 in 100 people, while 1 in 1,000 of these have situs inversus. Totalis occurs in approximately 1 in 5,000 Dextrocardia with situs inversus.





Este último ECG fue realizado propositalmente con los cables invertidos tanto de los miembros cuanto la posición de los electrodos precordiales, los cuales fueron colocados a la derecha en puntos correspondientes a las derivaciones izquierdas..

This ECG was performed latter willfully inverted with the cables of both the members cables as the position of the precordial electrodes, which were placed right at points corresponding to the left leads.

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Causes and symptoms

Early in the normal development of an embryo, the tube-like structure that becomes the heart forms a loop toward the left, identifying the left/right axis along which the other organs should be positioned. Although the mechanism that causes the heart loop to go left is not fully understood, at least one gene has been identified to have a role in this process. However, it is thought that many factors may be involved in causing situs inversus. Rarely, situs inversus can run in families, but most often it is an isolated and accidental event occurring in an individual for the first time in the family.

Most people with situs inversus have no medical symptoms or complications resulting from the condition. Although only 3-5% of people with situs inversus have any type of functional heart defect, this is higher than the rate of heart defects in the general population, which is less than 1%.

It is estimated that about 25% of people with situs inversus have an underlying condition called primary ciliary dyskinesia (PCD). PCD, also known as Kartagener's syndrome, is characterized as situs inversus, chronic sinus infections, increased mucous secretions from the lungs, and increased susceptibility to respiratory infections. PCD is caused by a defect in the cilia that impairs their normal movements.

Bonito ejemplo Jesús.

Pablo A Chiale

Colega Jesus,

Trata-se de belissimo caso de livro. Há muito tempo não via imagens tão perfeitas.
Parabéns

Mario Sergio Bacellar
Feira de Santana-Bahia-Brasil
