

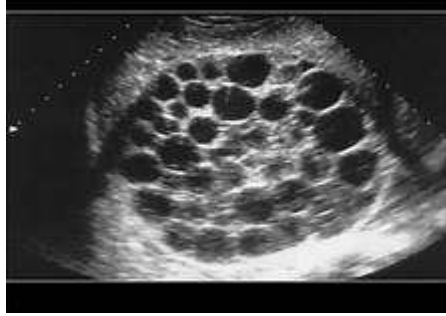
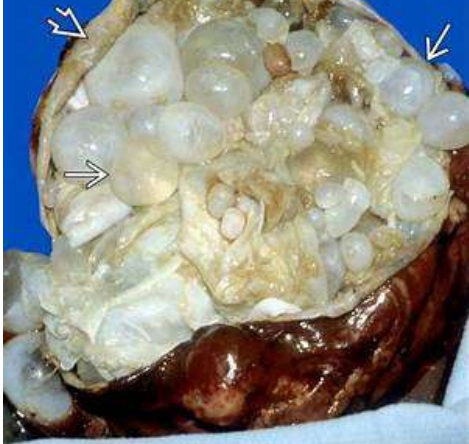


XV. Diseases of the Cardiovascular System

Hydatid Cyst		I -2-172	
	Heart	<ul style="list-style-type: none"> • Is moderately enlarged • <i>Is opened to show the left ventricle</i> 	
	Left ventricle	<ul style="list-style-type: none"> • Shows numerous cysts (hydatid) 	
	Cysts	<ul style="list-style-type: none"> • Appear filling the cavity of left ventricle • Are multiple • Variable in size (small and moderate in size) • Rounded in shape (spherical unilocular) • Show a fibrous capsule which is thin whitish • Contain a clear watery fluid • Some daughter cysts are present 	
 <p>Figure 41 Nature Hydatid Cyst Specimen No. 1-2.172? Reference: P. 126</p>			
			

<p>N.B.</p>	<ul style="list-style-type: none"> • The heart is a very rare site <u>for hydatid disease (cysts).</u> • The sites of hydatid cysts in the human body do not include the heart. • This case was the first to be discovered (Section of Medicine, Prof. Salah, Prof. Ghanem and the Department of Pathology). • This means that no site is immune.
	<ul style="list-style-type: none"> • The common sites are <ul style="list-style-type: none"> ○ The liver (60%), ○ Lungs (10%), ○ Stomach, omentum and peritoneum (10%), ○ Skin and subcutaneous tissue (5%). ○ Spleen (5%), ○ Bones (5%), ○ Kidneys (2.5%), ○ Brain (2%), ○ Pleura (0/0) ○ Spinal cord (0.5%), ○ Female genitalia (and to a lesser extent male genitalia) (0.2%) and ○ Scarcely in the orbit.
	<ul style="list-style-type: none"> • The effects and complications) depend upon the site and the size of the cysts. • They include <ul style="list-style-type: none"> ○ Mechanical and obstructive effects, ○ Rupture of the cysts, ○ Allergic manifestations, ○ Suppuration, ○ Toxic effects and ○ Manifestations related to the particular organ affected.
	<ul style="list-style-type: none"> • Diagnosis depends upon the clinical evidences, radiographic features and the results of laboratory investigations. • A hydatid cyst should never be punctured for diagnosis.