

Basic surgical radiology

Plain x-ray

Presented by/

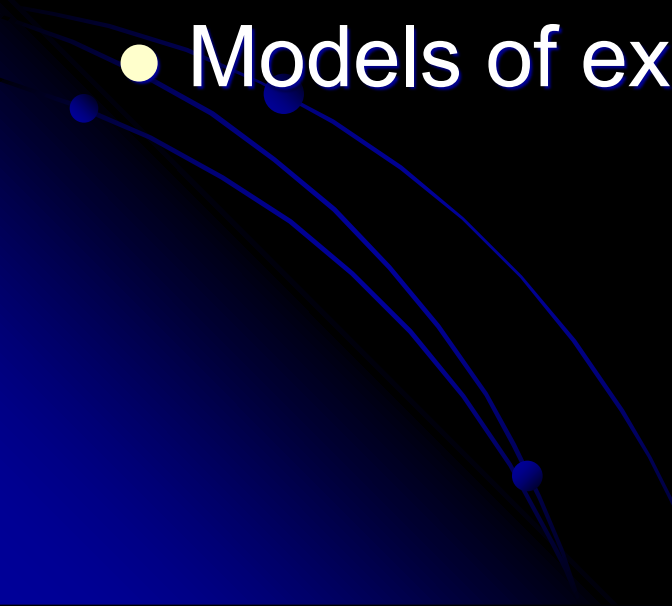
Prof. Alaa Al-Sioty

Prof. of general surgery

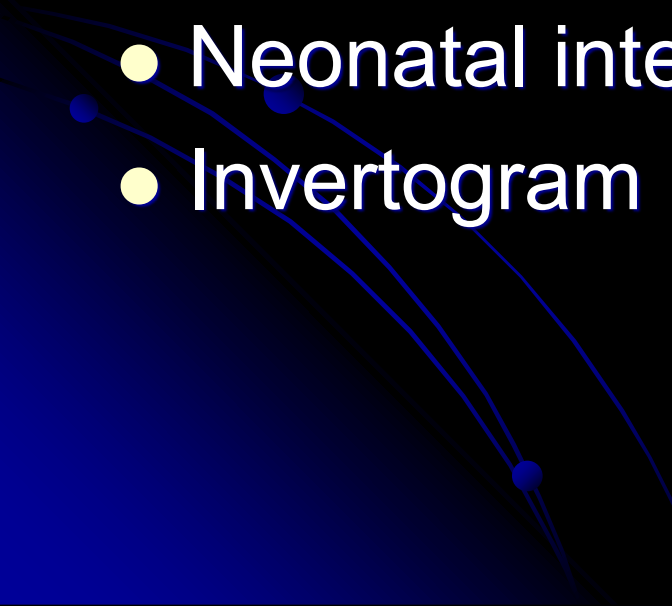
Sohag university



Objectives

- History of surgical radiology
 - How to read x-ray?
 - How to give full comment on x-ray?
 - How to answer exam questions?
 - Models of exams and answers
- 

Contents

- Gas under diaphragm
 - Multiple air fluid levels
 - Foreign body swallow
 - Firearm injuries
 - Neonatal intestinal obstruction
 - Invertogram
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Bilateral free gas under diaphragm



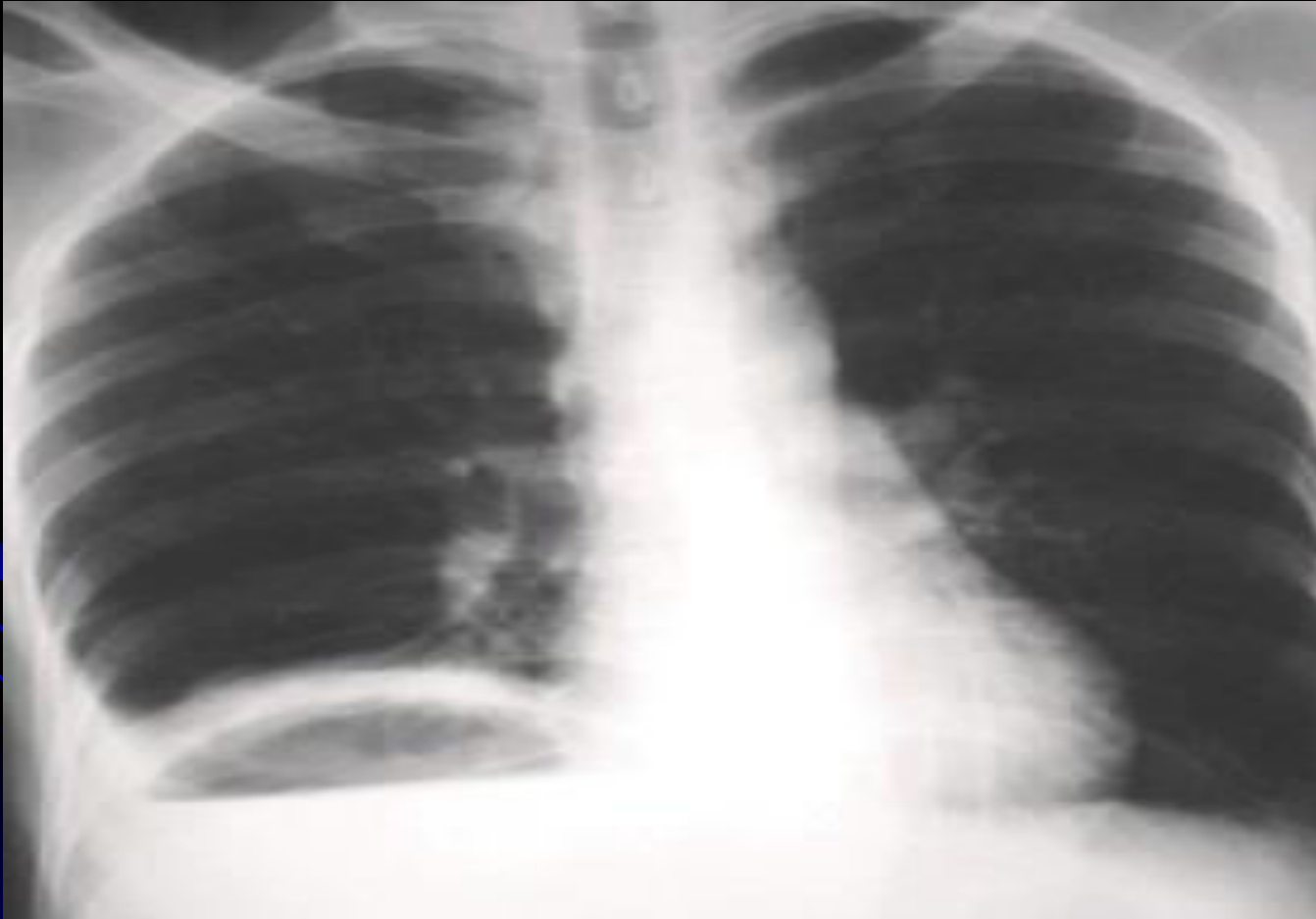








Localized gas under diaphragm



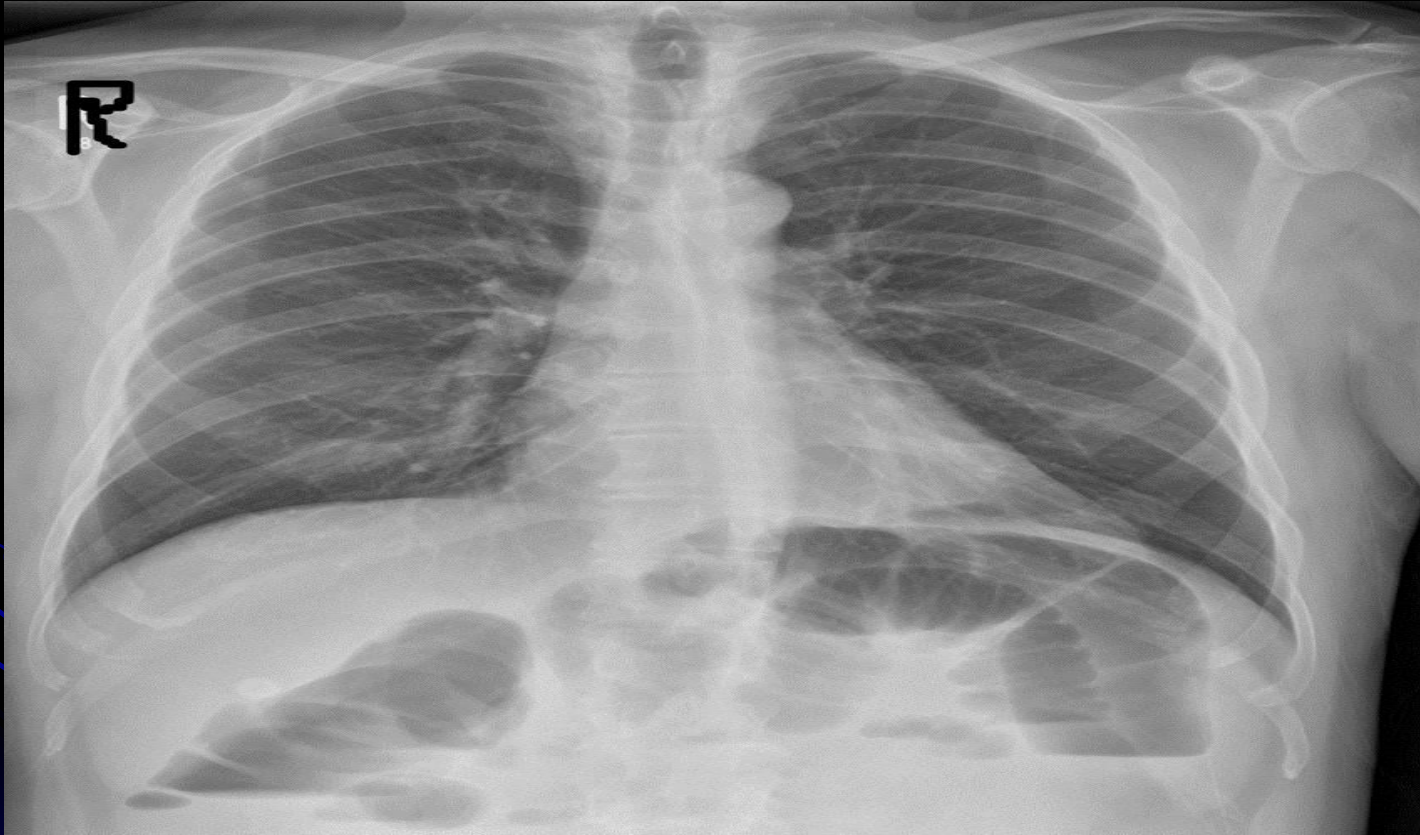
MULTIPLE AIR FLUID LEVELS SMALL INTESTINAL OBSTRUCTION



SMALL Intestinal Obstruction



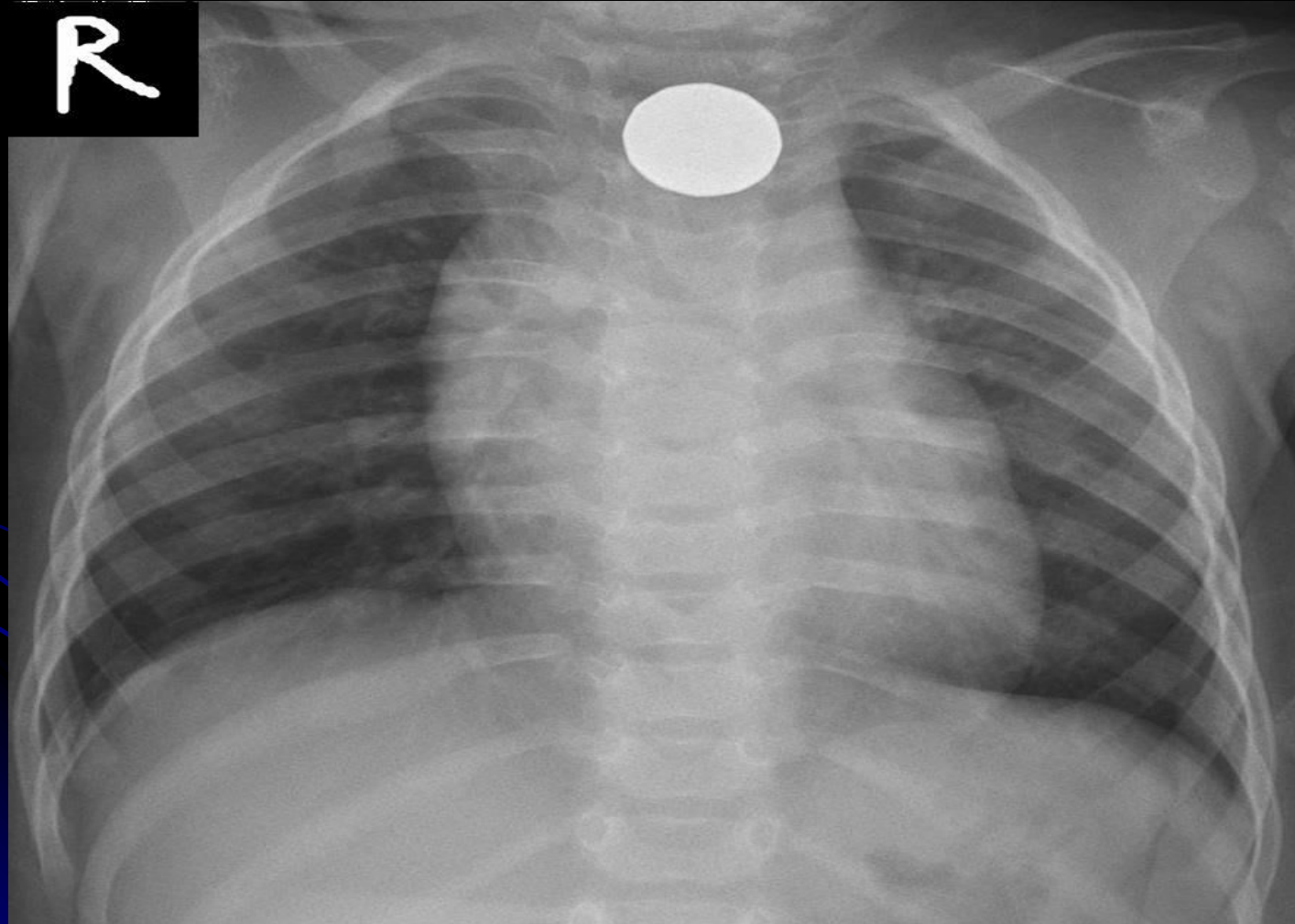
Jejunal obstruction



Foreign body swallow (mostly gastric level)

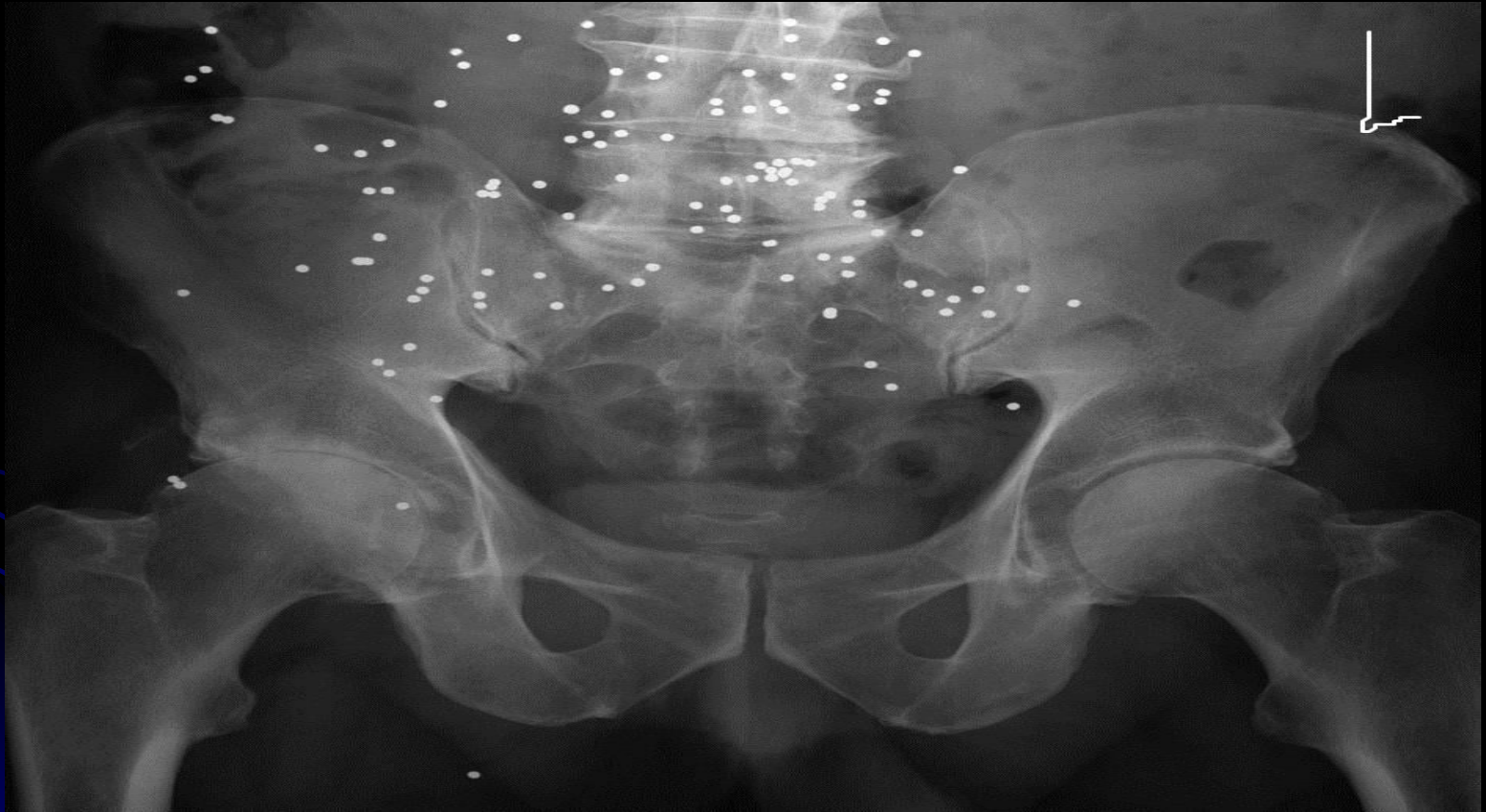


F.B. swallow (esophageal)



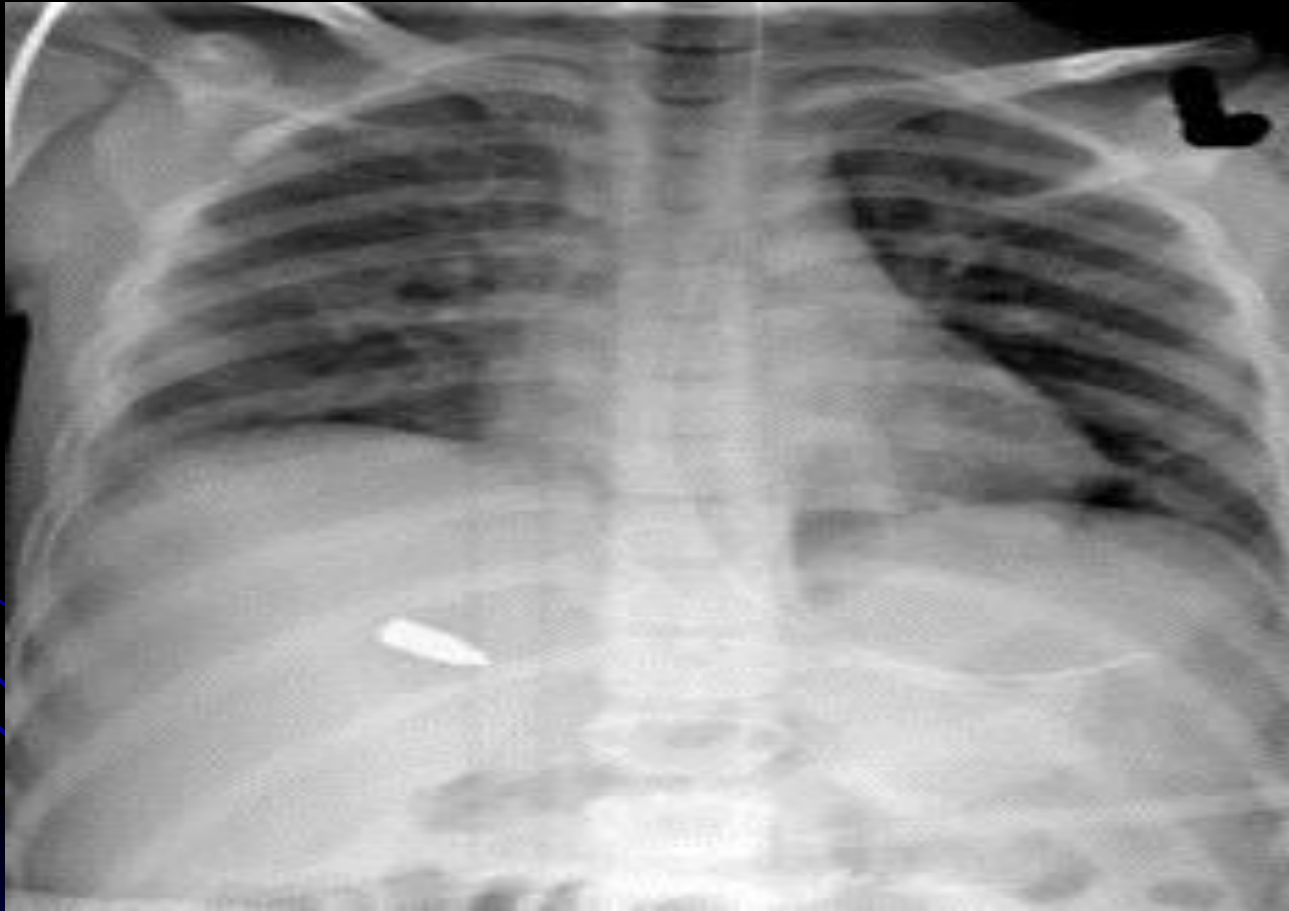
Gun shots (abdomen)





Firearm abdomen



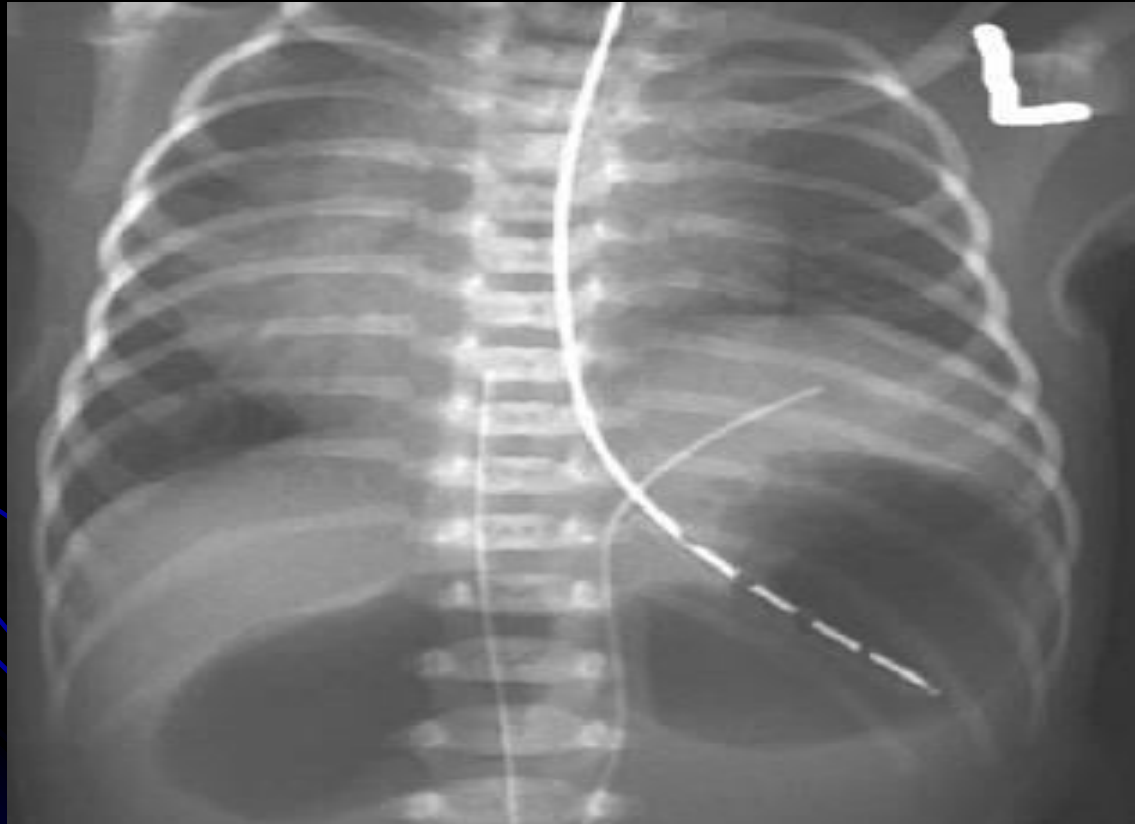


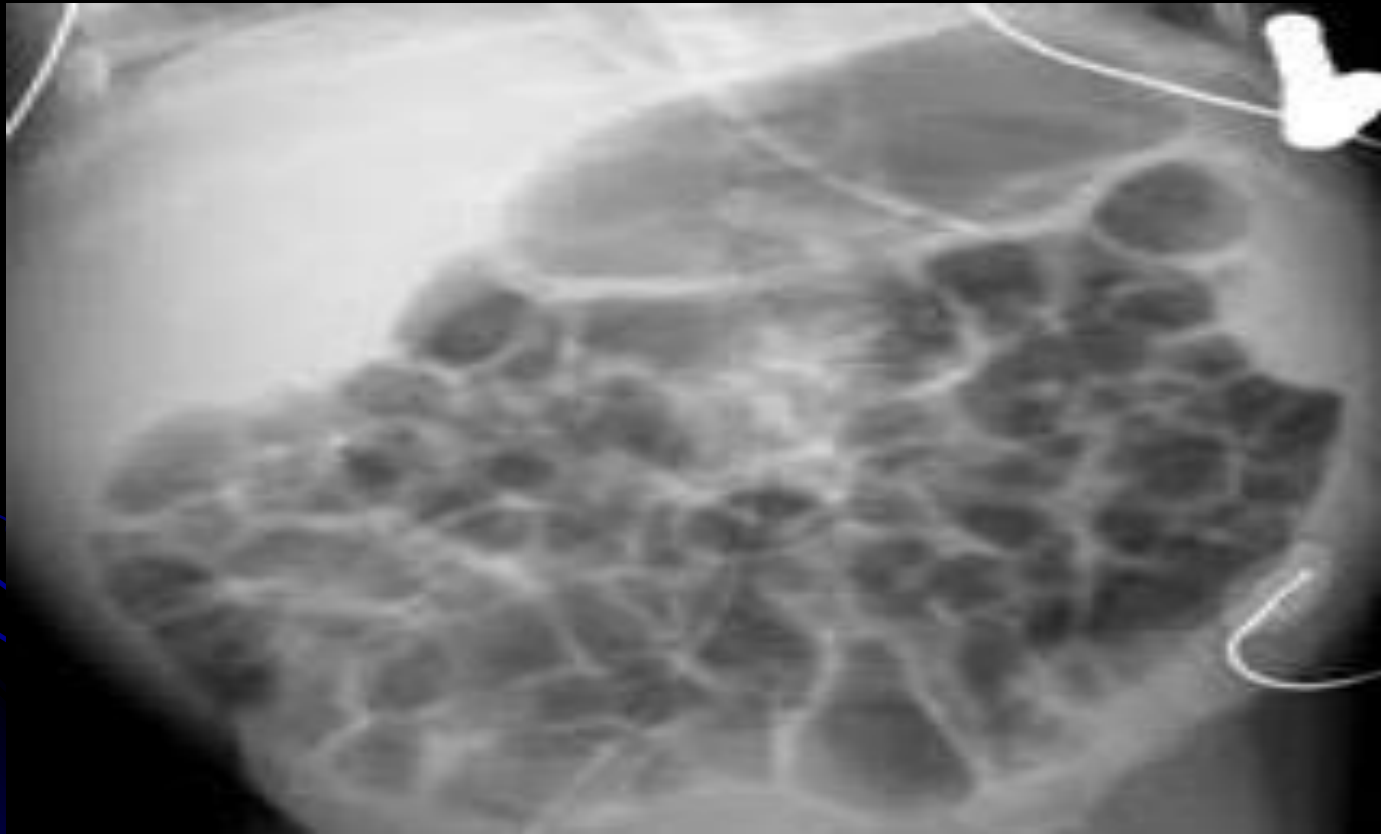


Neonatal IO mostly
duodenal/jejunal atresia(double
air bubble sign)

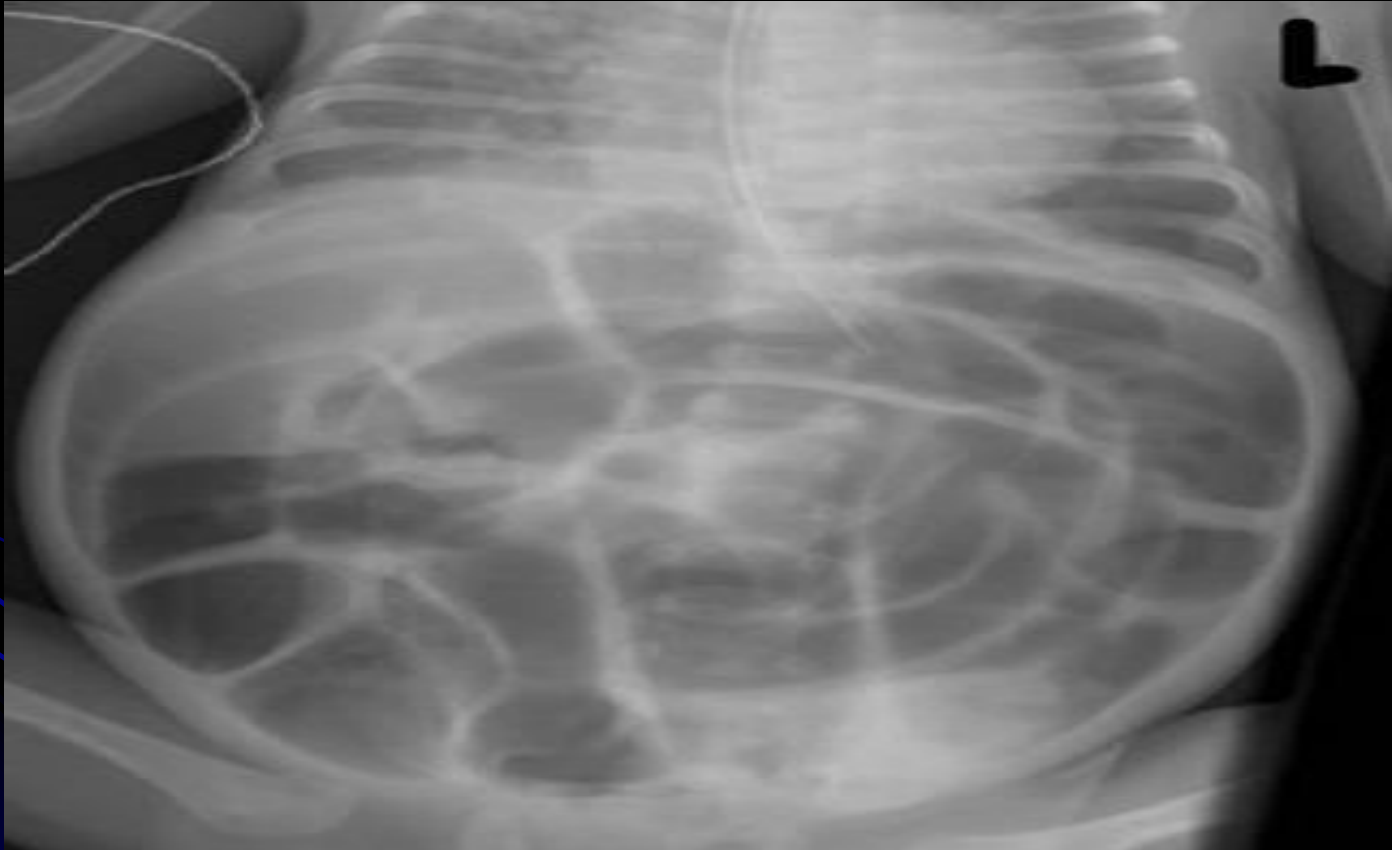


Double air bubble sign

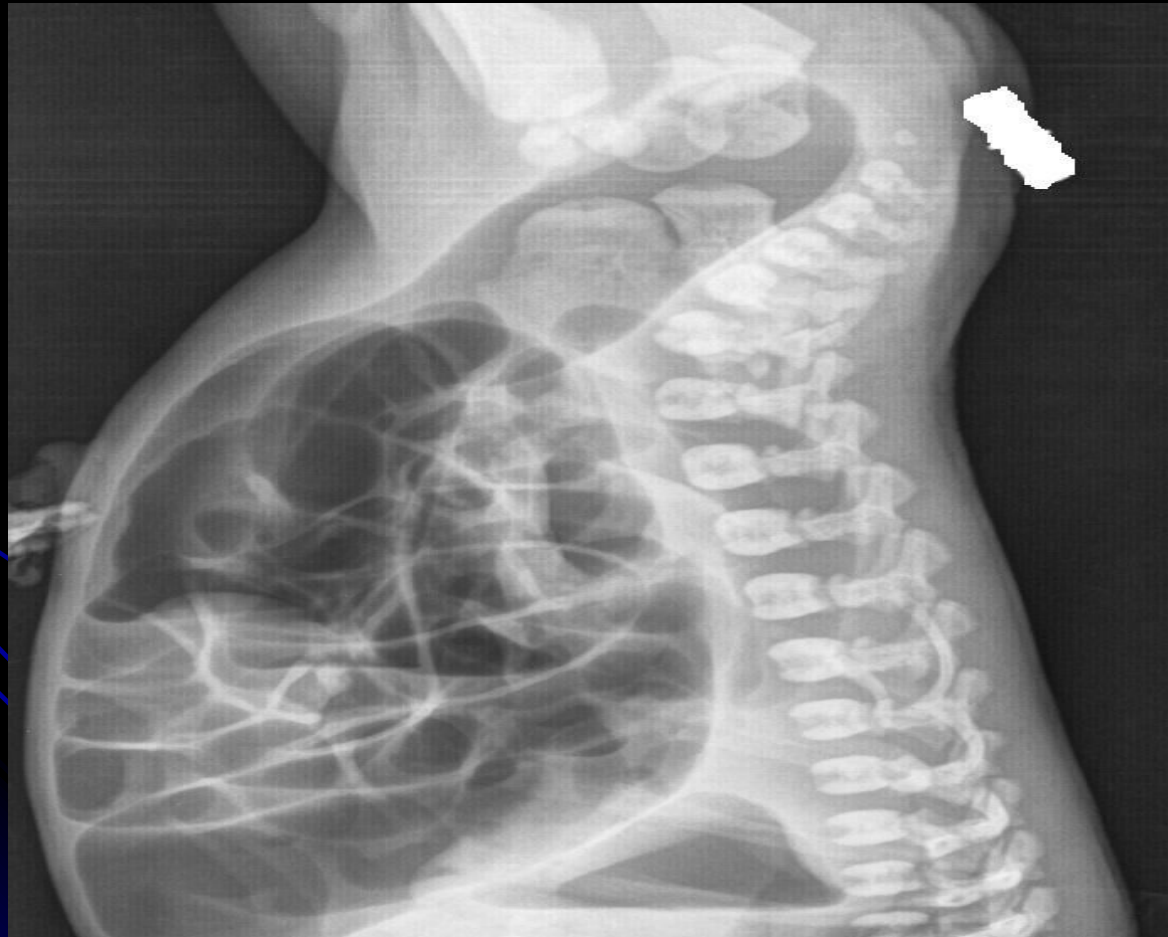




Colonic neonatal obstruction



Imperforate anus (invertogram)



- Thanks
- To be continued , my students

