

IATROGENIE EN NEONATOLOGIE : MALPOSITIONS DES CATHETERS

6èmes RENCONTRES
PEDIATRIQUES DE TLEMCEN
25/26 MAI 2012

IATROGENIE EN NEONATOLOGIE : MALPOSITIONS DES CATHETERS

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Italie

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- Pr Hubert Ducou Le Pointe
- Imagerie médicale Hopital TROUSSEAU PARIS

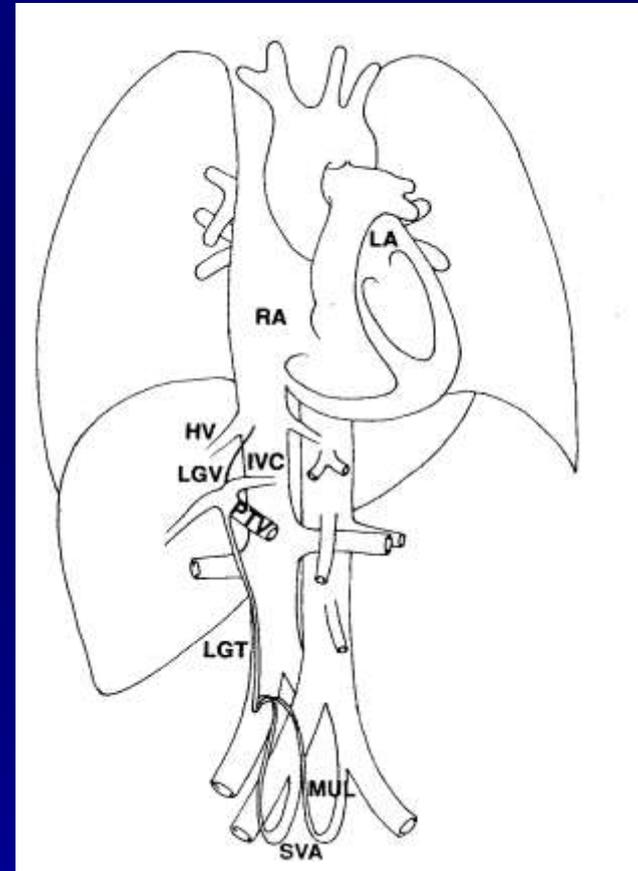
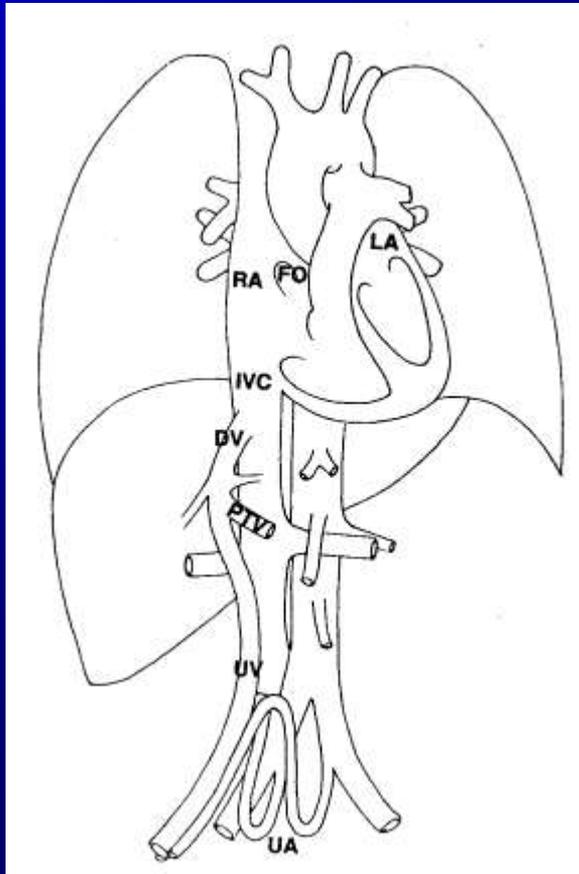
INTRODUCTION

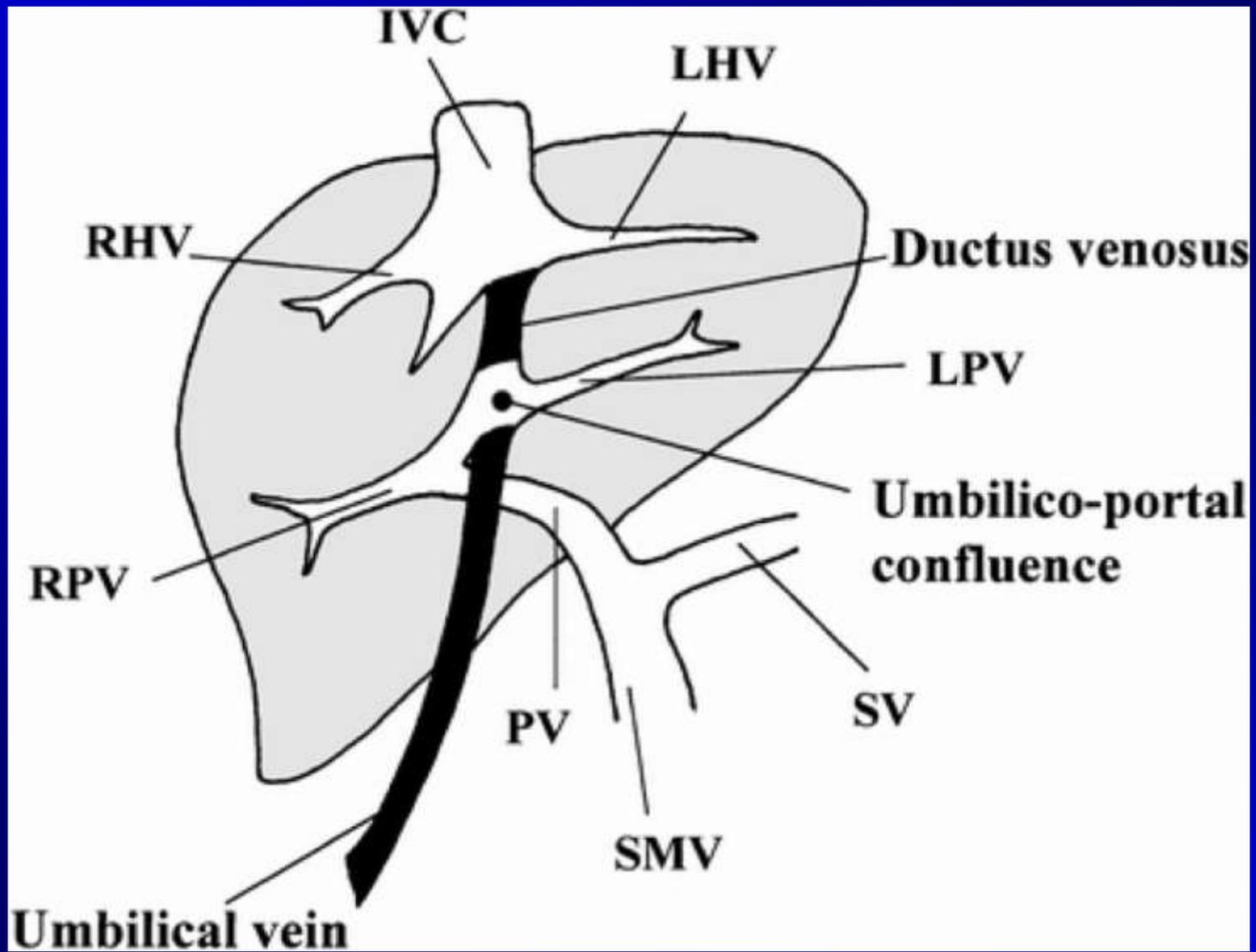
- KTVO
- KTAO
- KTC
- Utilisés en routine en réanimation-néonatalogie pour la nutrition parentérale, pour les différentes médications et pour les prélèvements pour suivi biologique des enfants

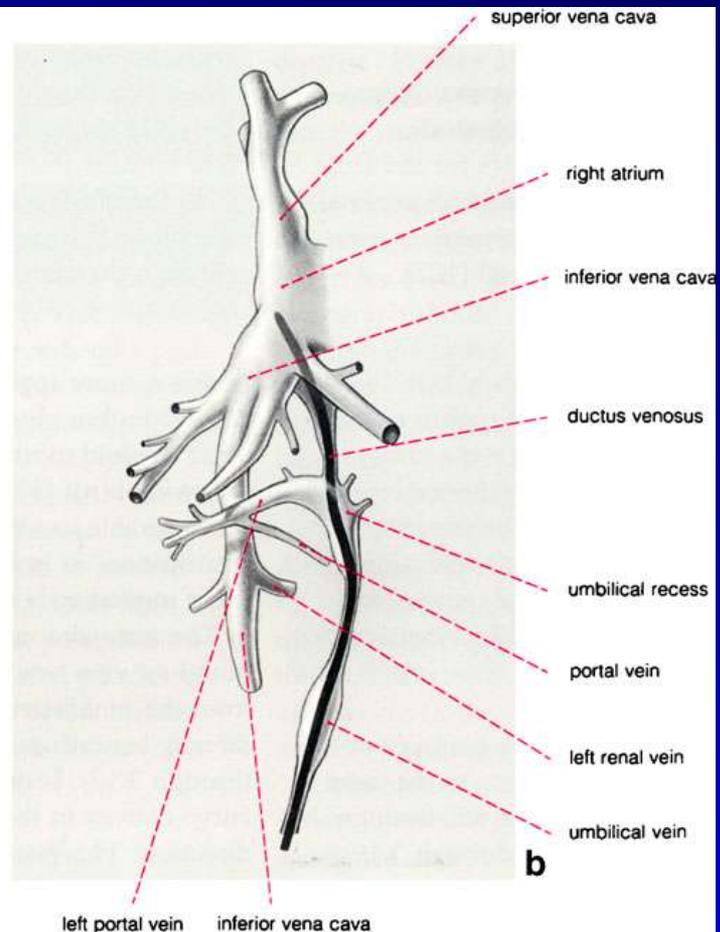
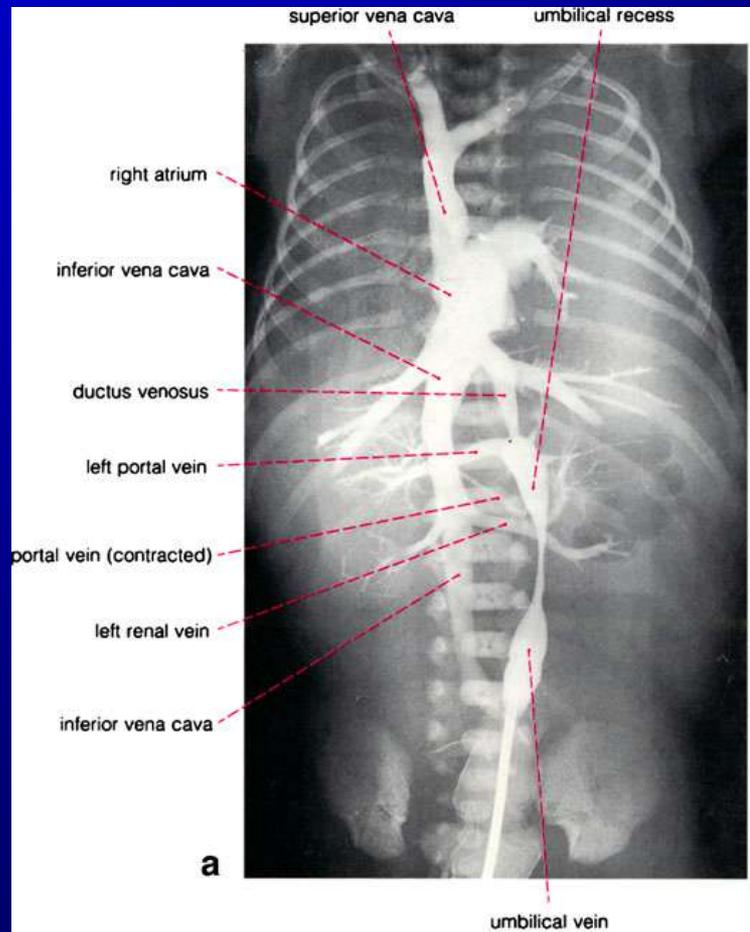
INTRODUCTION 2

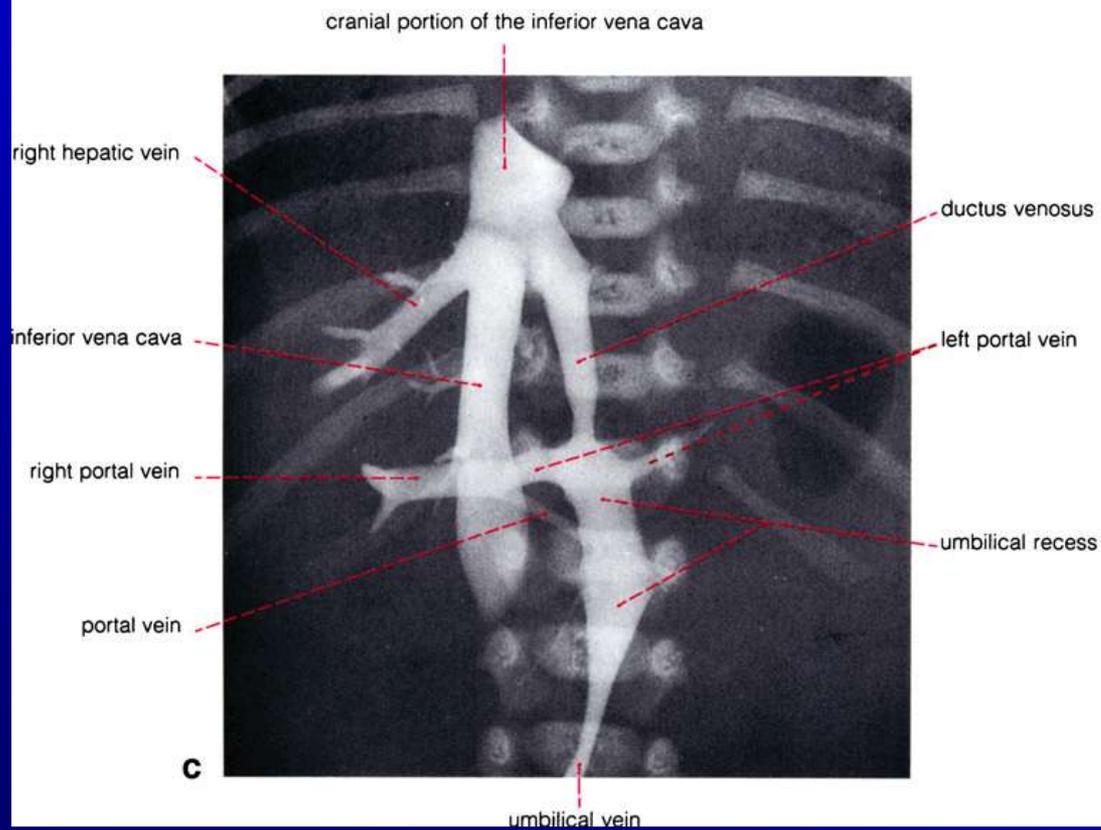
- Nécessité d'une bonne connaissance de l'anatomie circulatoire pré et post-natale pour affirmer :
 - la localisation correcte d'un cathéter
 - une malposition
 - une complication
 - diagnostiquer une anomalie vasculaire

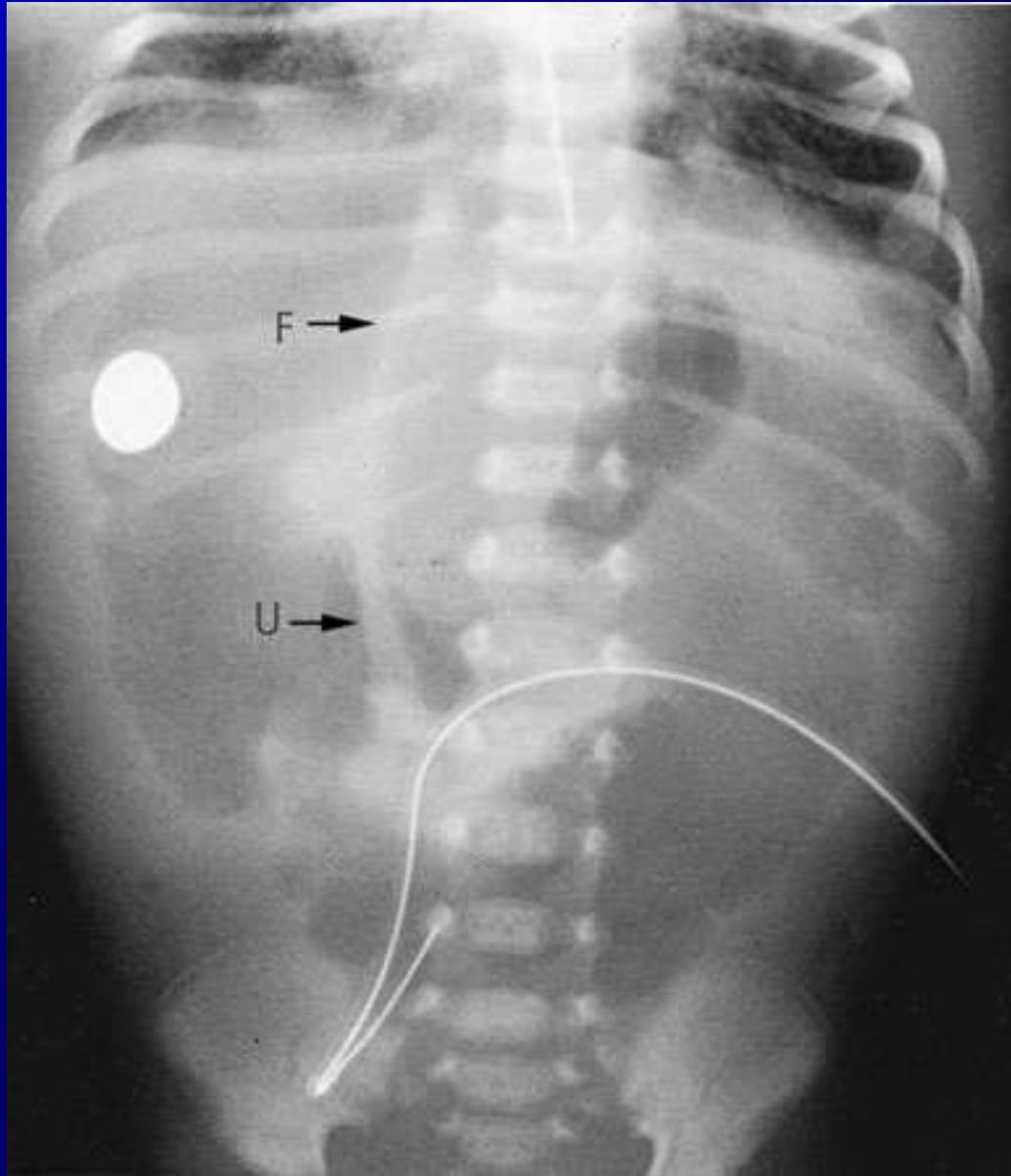
PRENATAL AND POSTNATAL ANATOMY OF THE CIRCULATORY SYSTEM









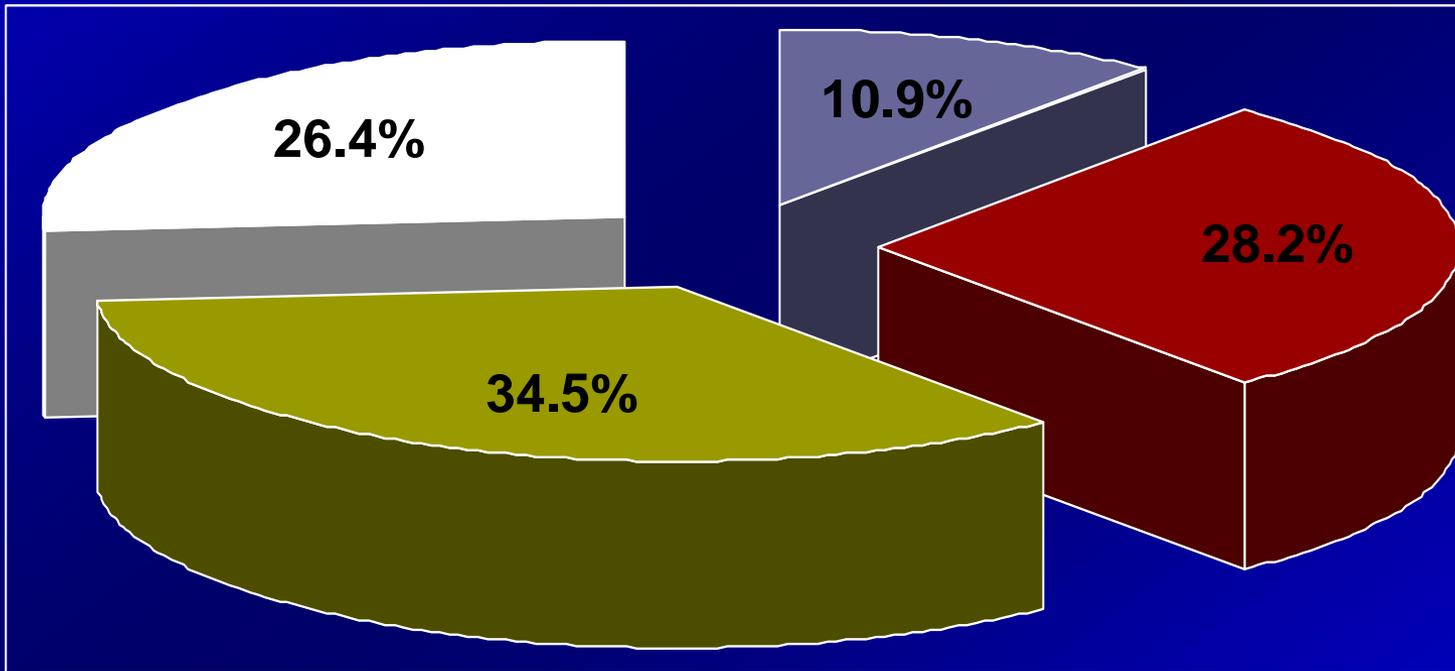


AIM OF THE STUDY AND PATIENTS

Retrospective study

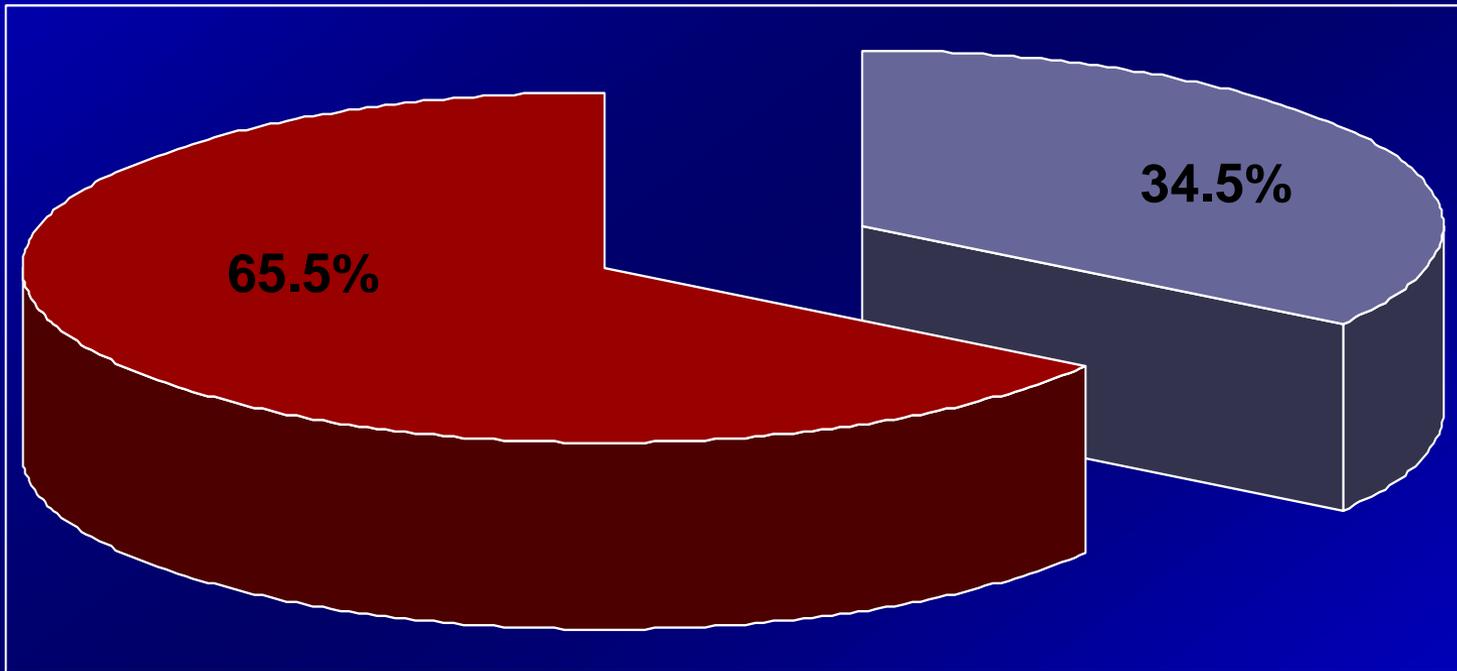
- * Malpositions and complications
- * weight \leq 1500 g [535 – 1500]
- * 257 patients (5 yrs)
 - * 174 pt with catheters (67.7%) >>>
270 catheters (1.55 cath/pt)

GESTATIONAL AGE



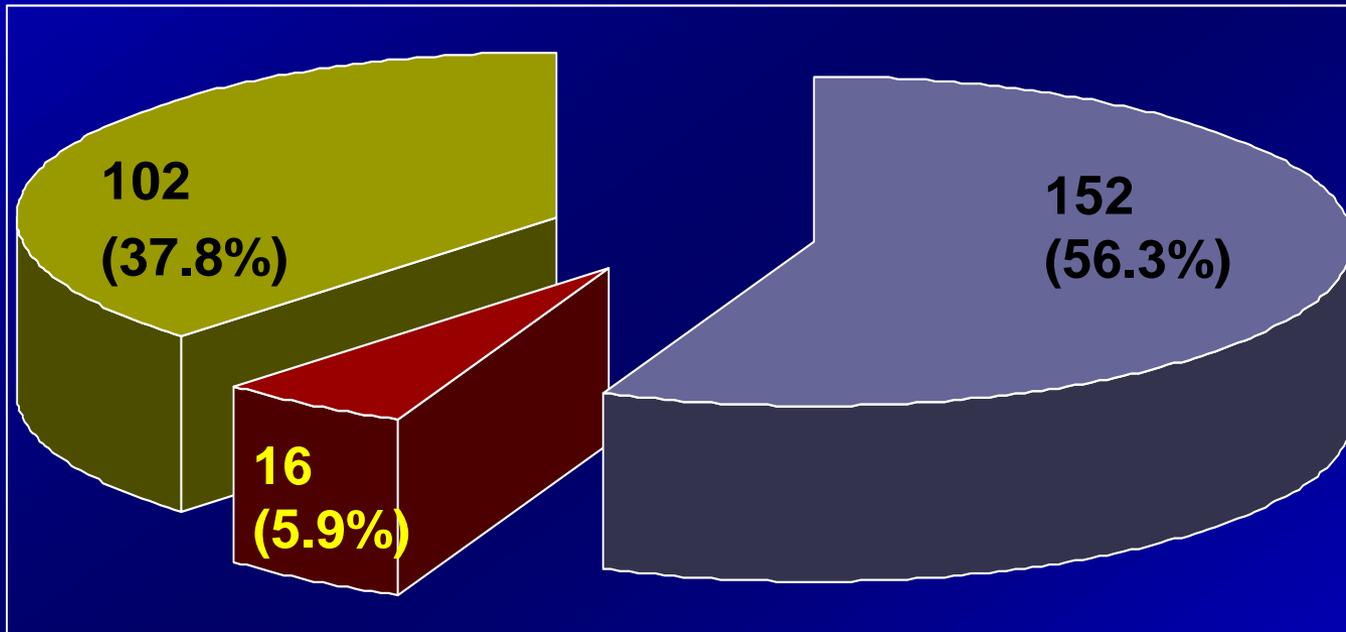
■ 23-25 sett ■ 26-28 sett ■ 29-30 sett ■ 31-34 sett

WEIGHT



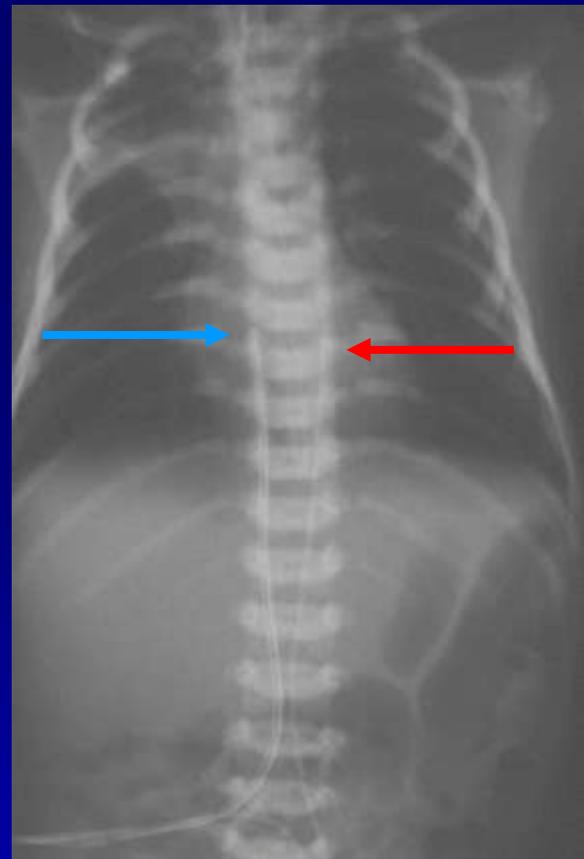
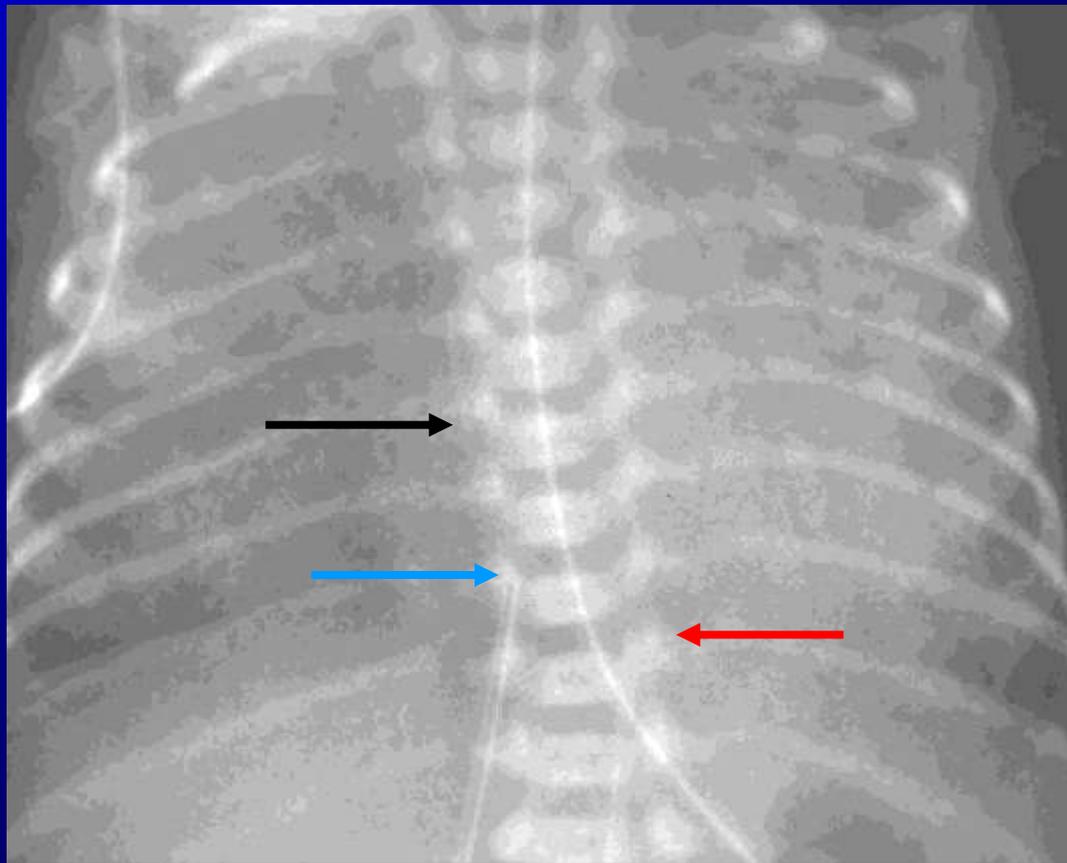
■ 535-999 g ■ 1000-1500 g

CATHETERS

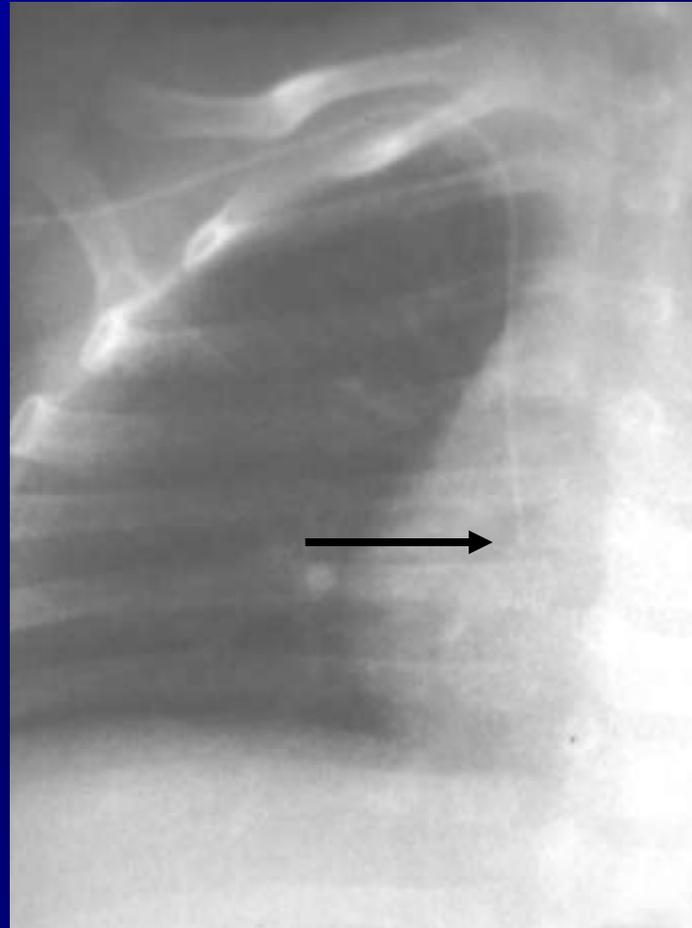


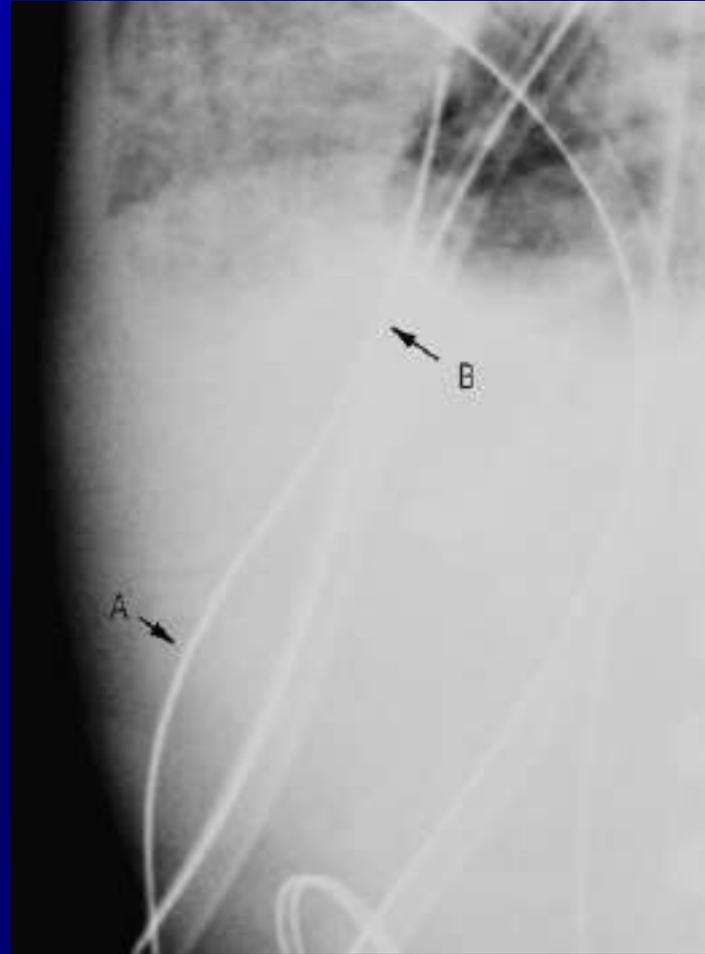
■ CVO ■ CAO ■ CVC

CORRECT LOCATION

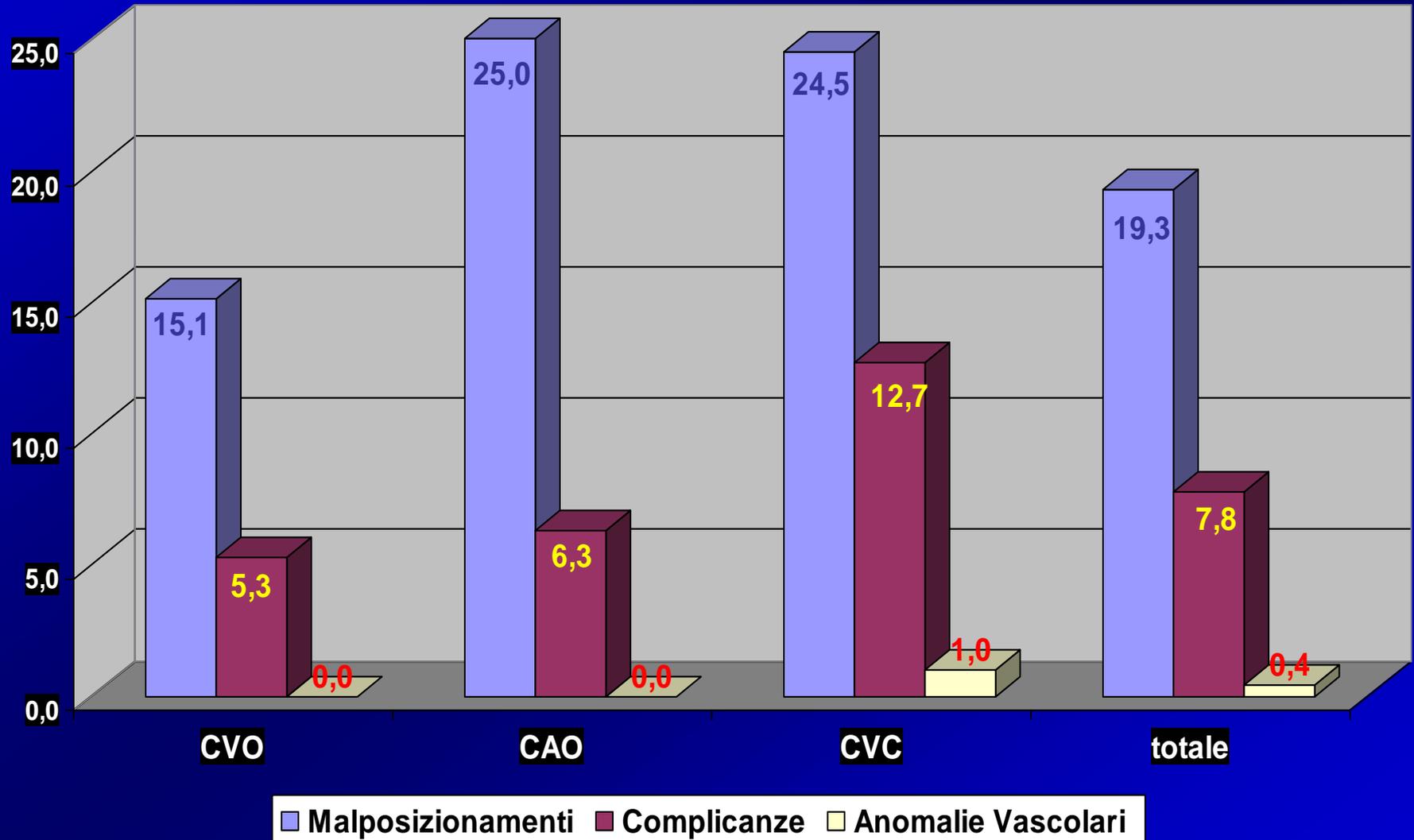


CORRECT LOCATION

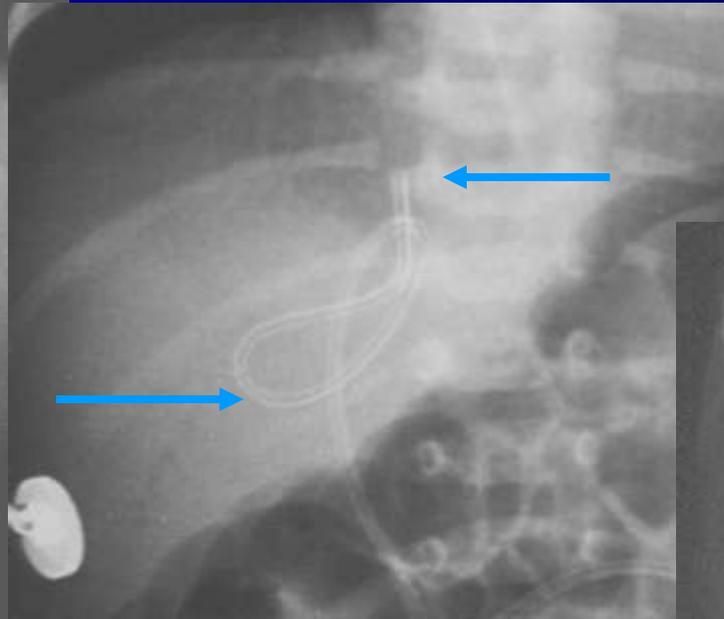
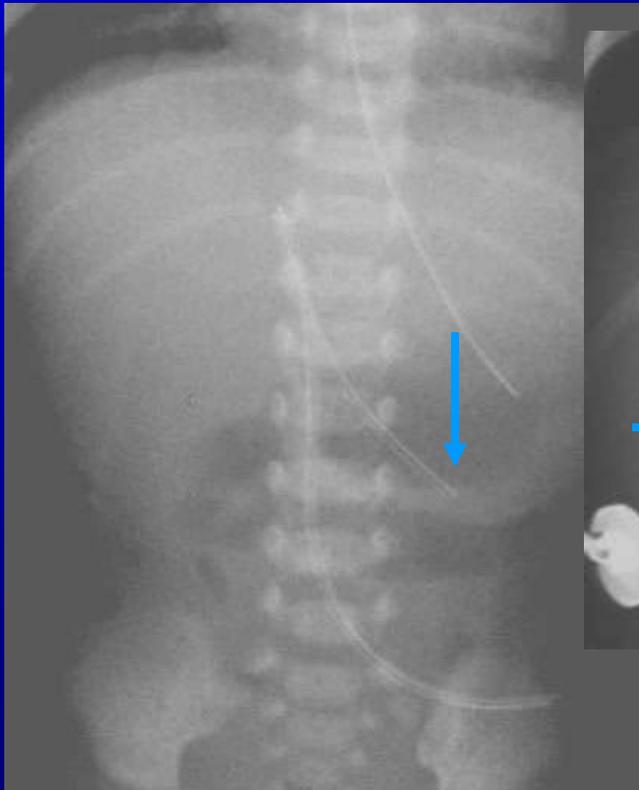




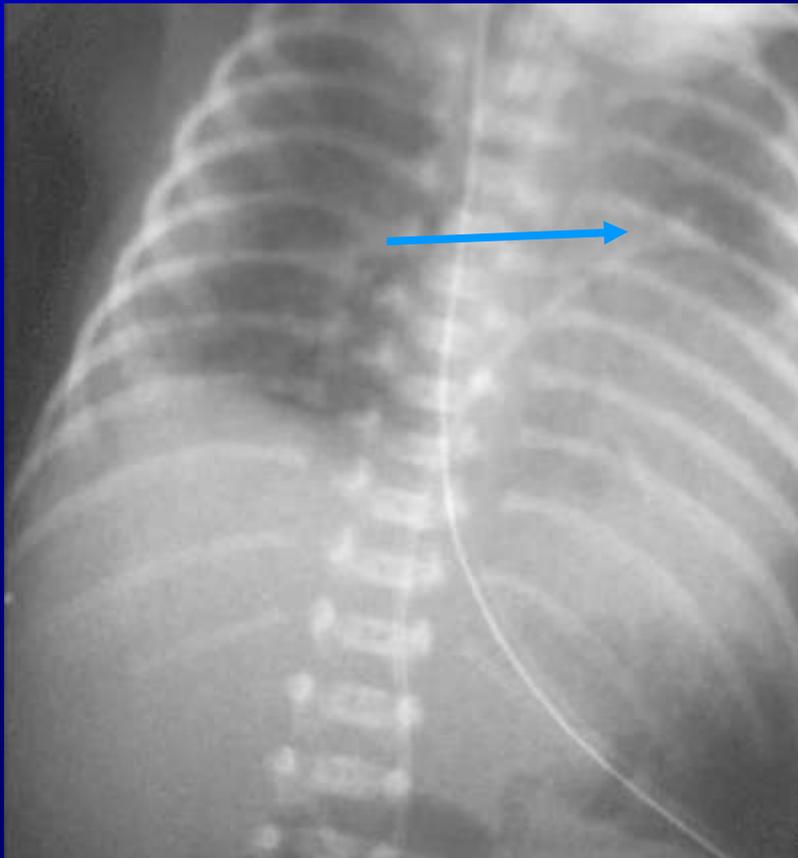
RESULTS



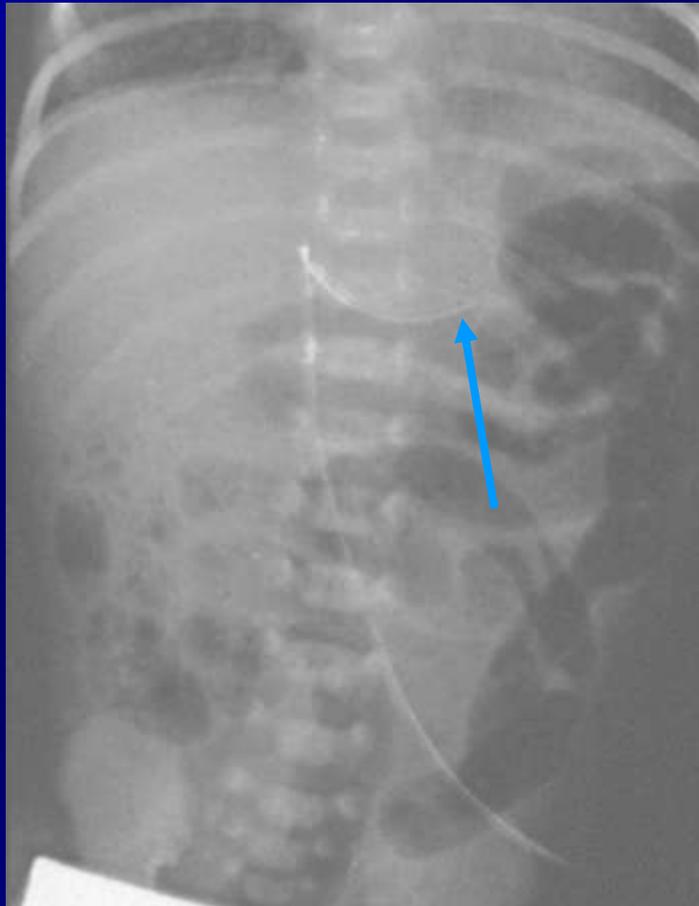
UVC MALPOSITIONS 23 (15.1%)



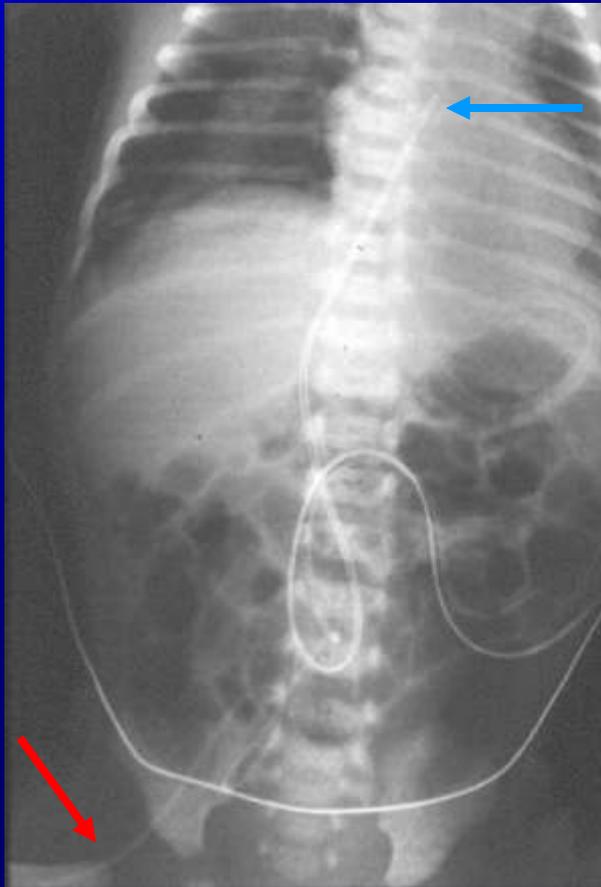
UVC MALPOSITIONS 23 (15.1%)



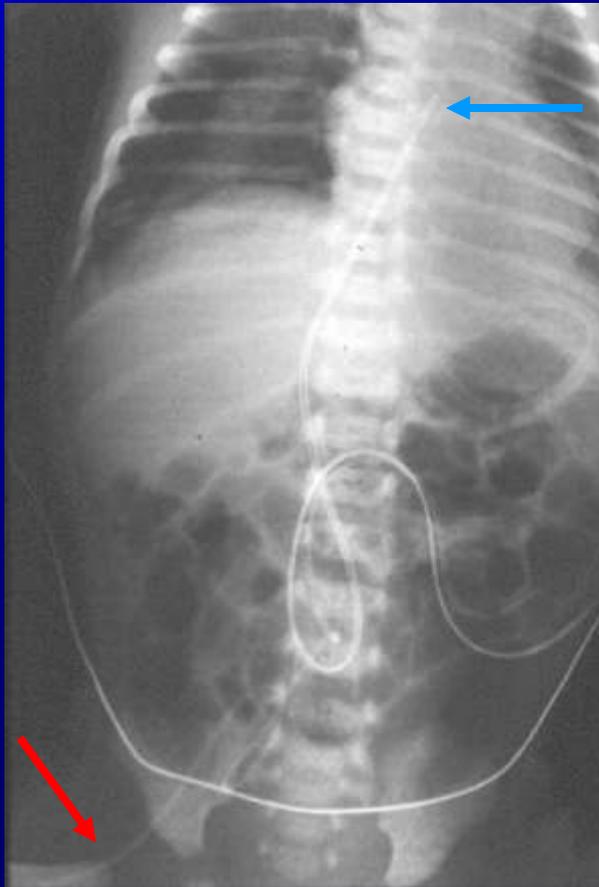
UVC MALPOSITIONS 23 (15.1%)



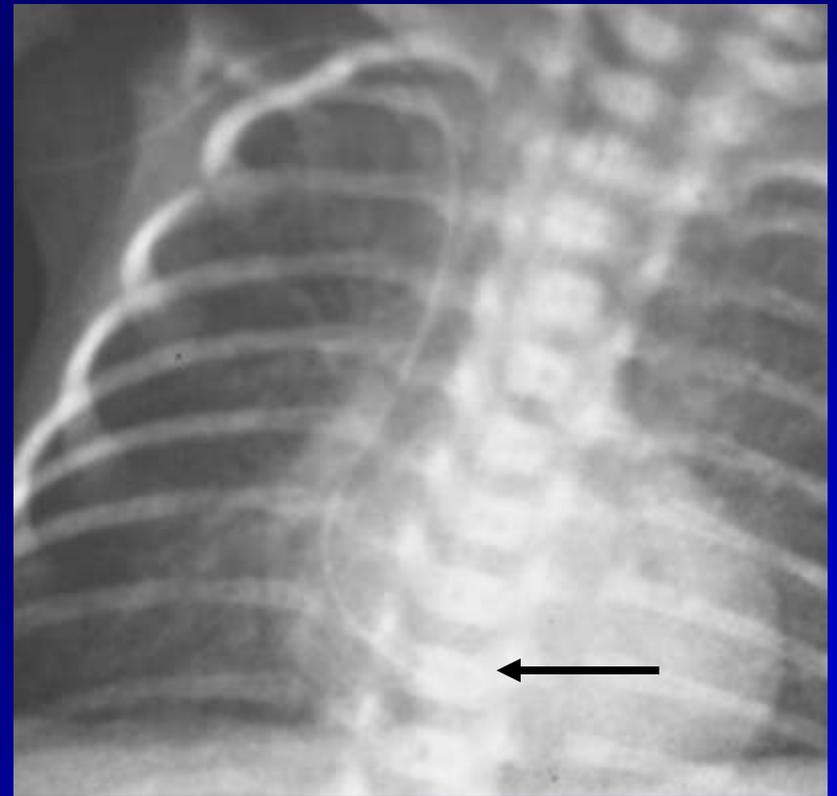
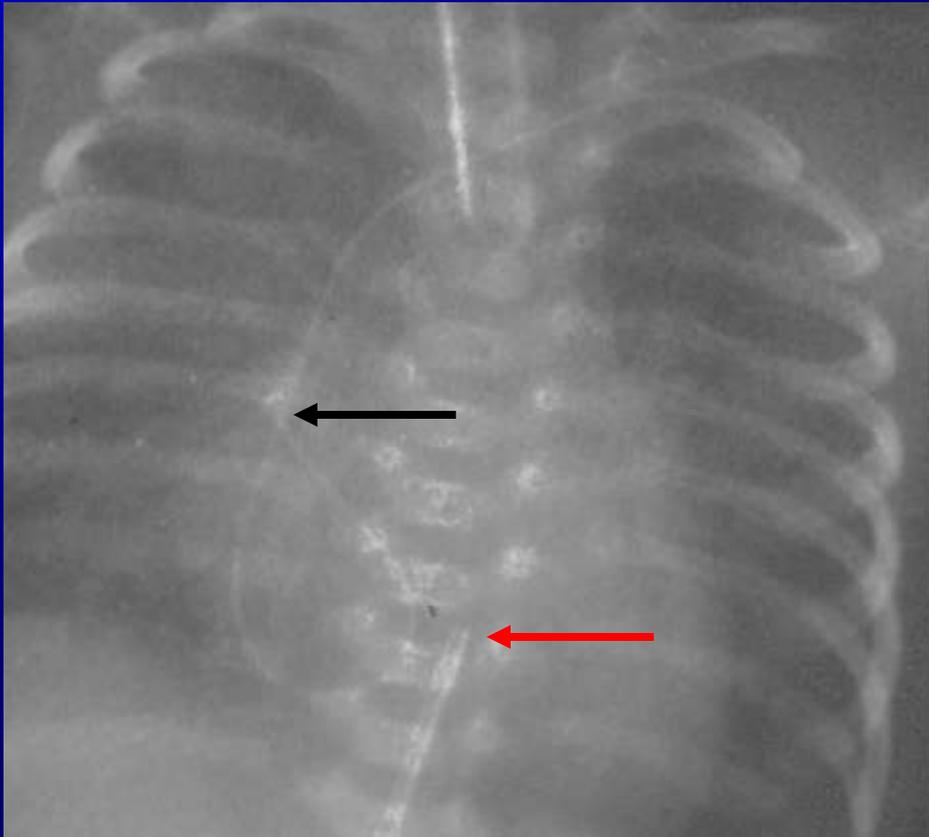
UAC MALPOSITIONS 4 (25%)



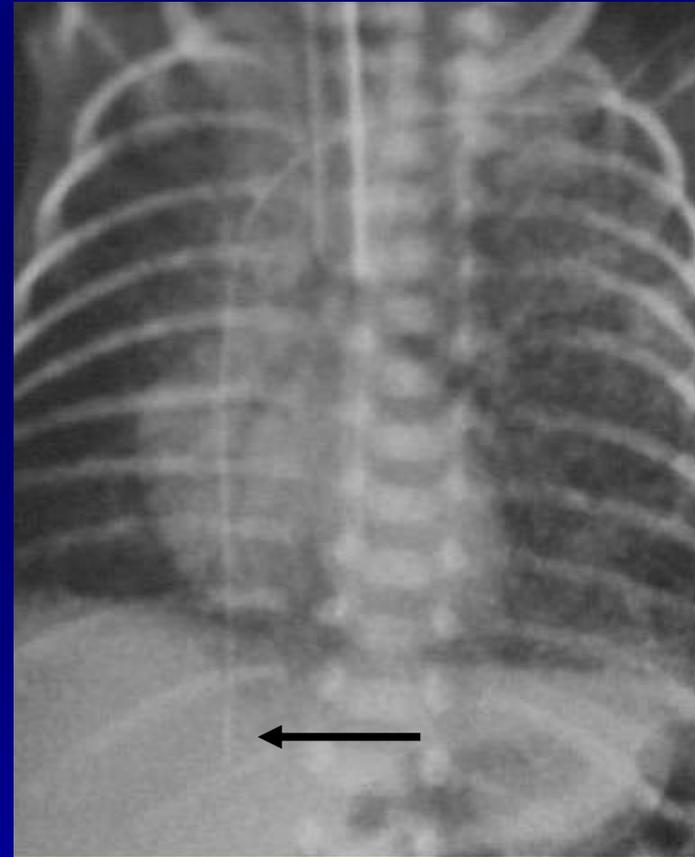
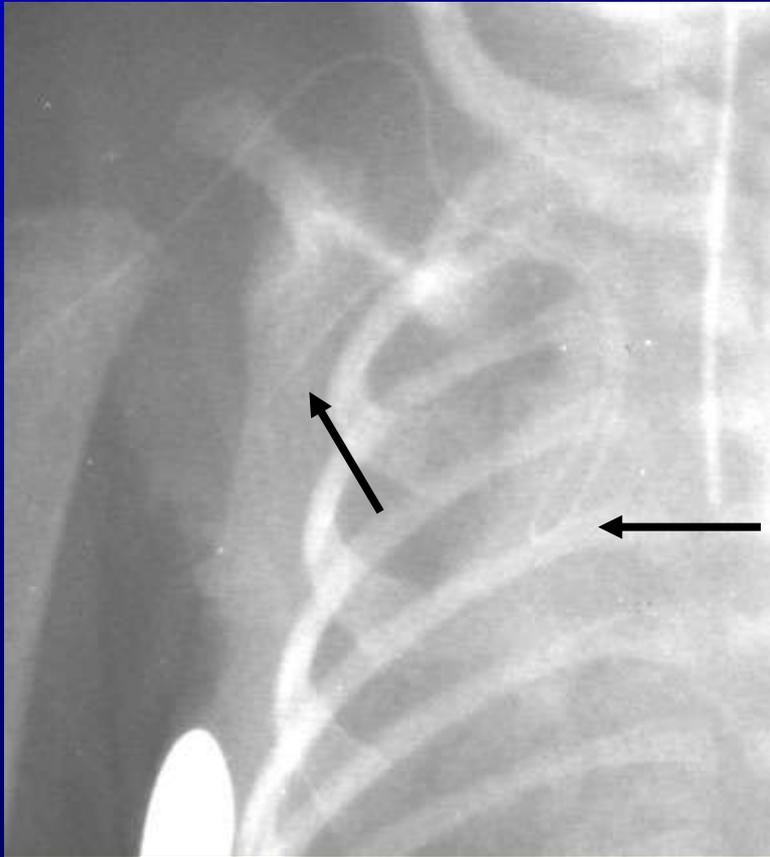
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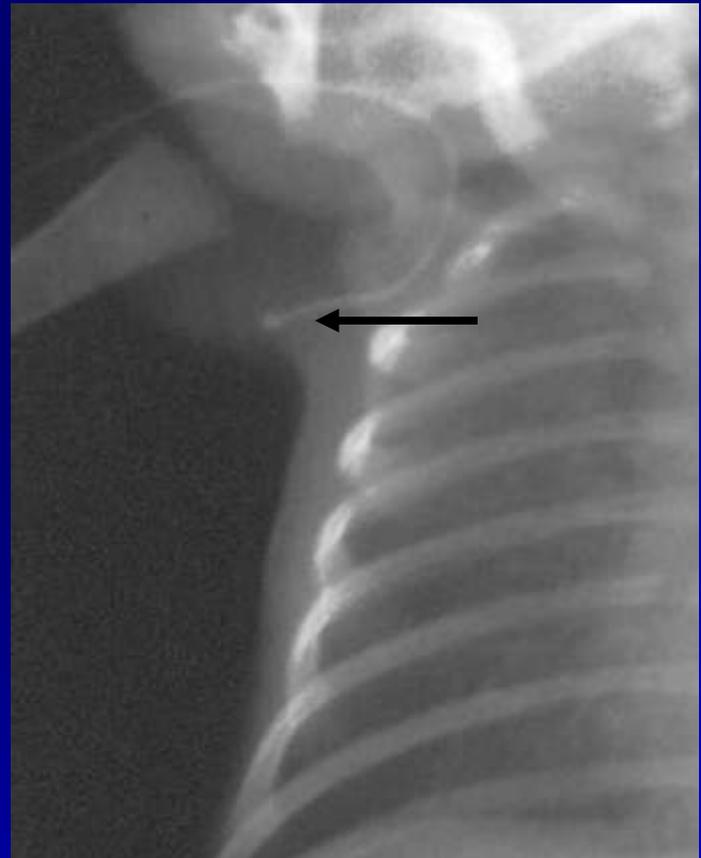
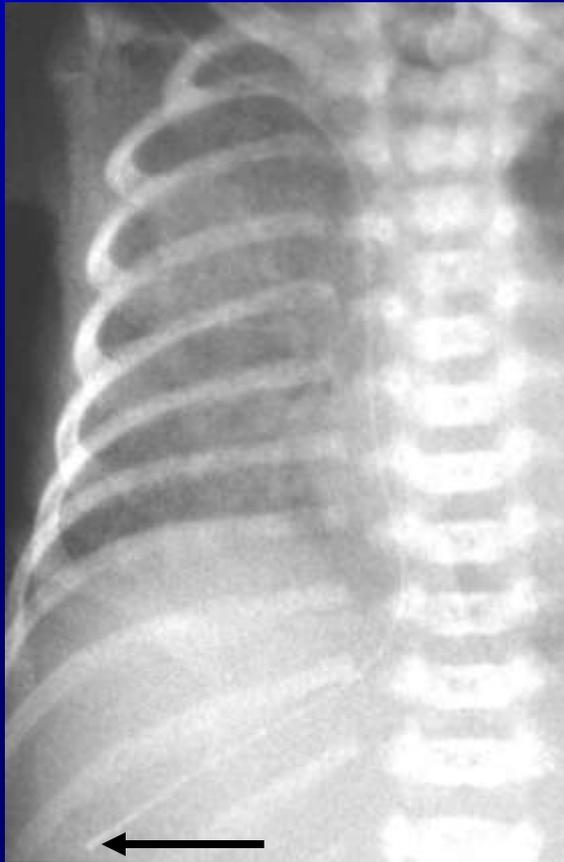
CVC MALPOSITIONS 25 (24.5%)



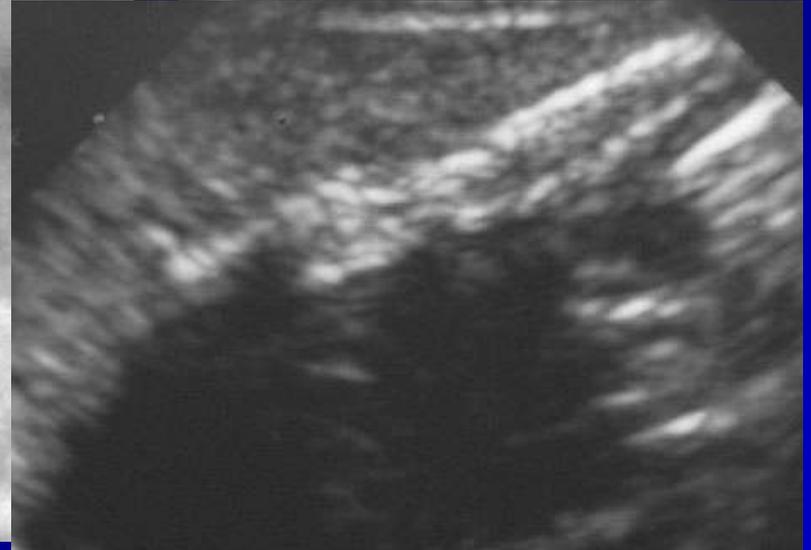
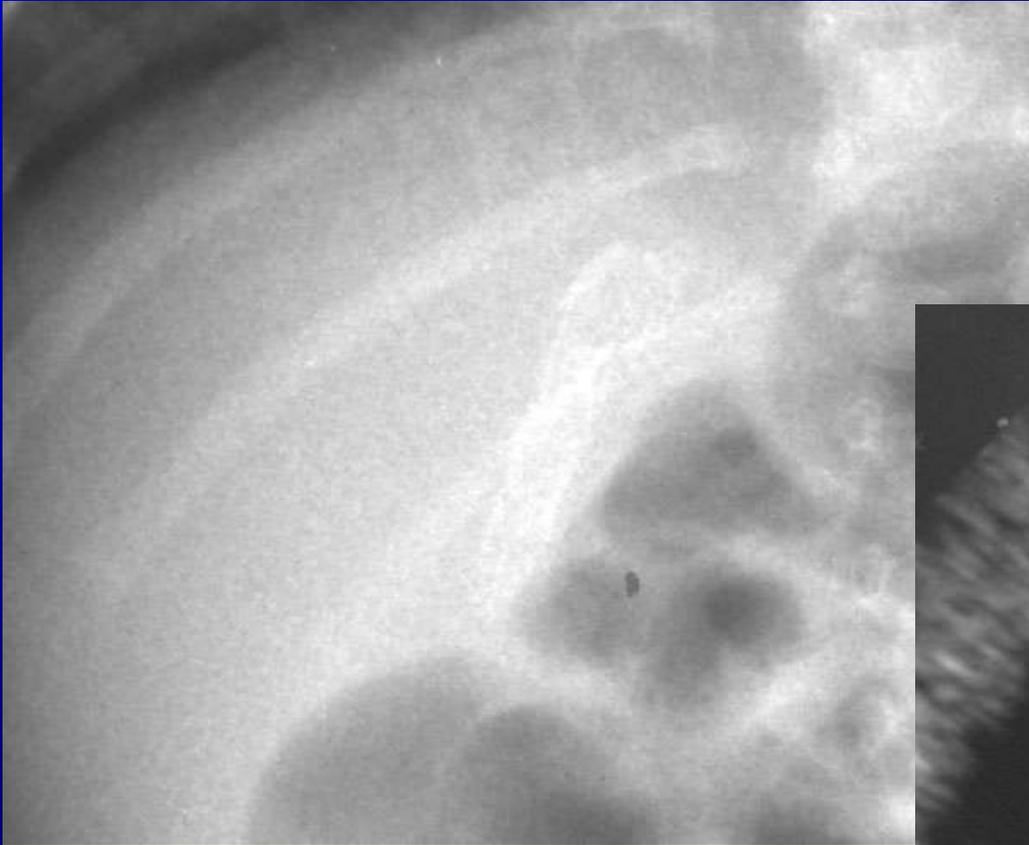
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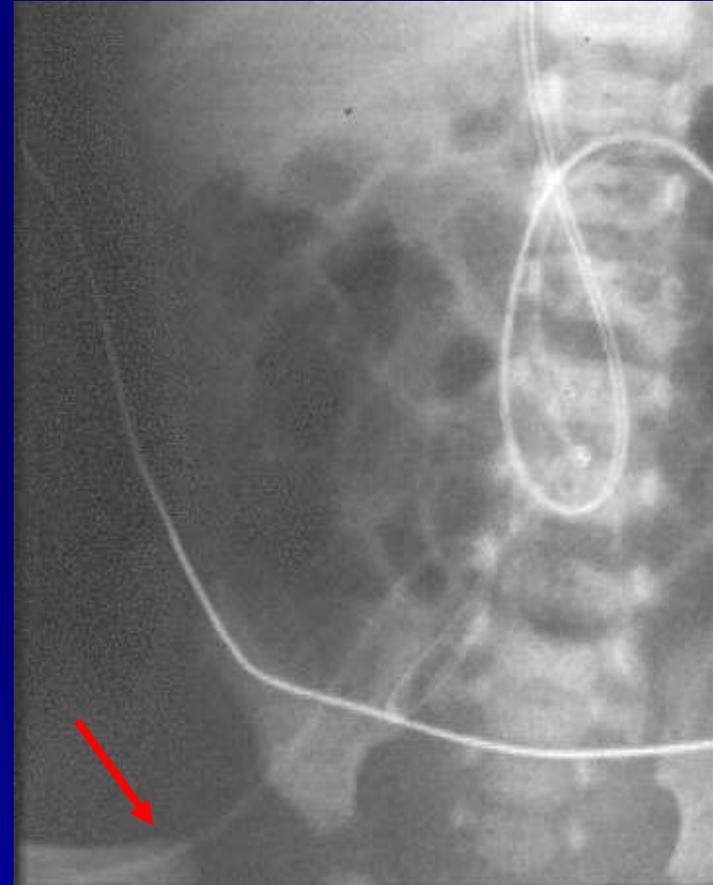
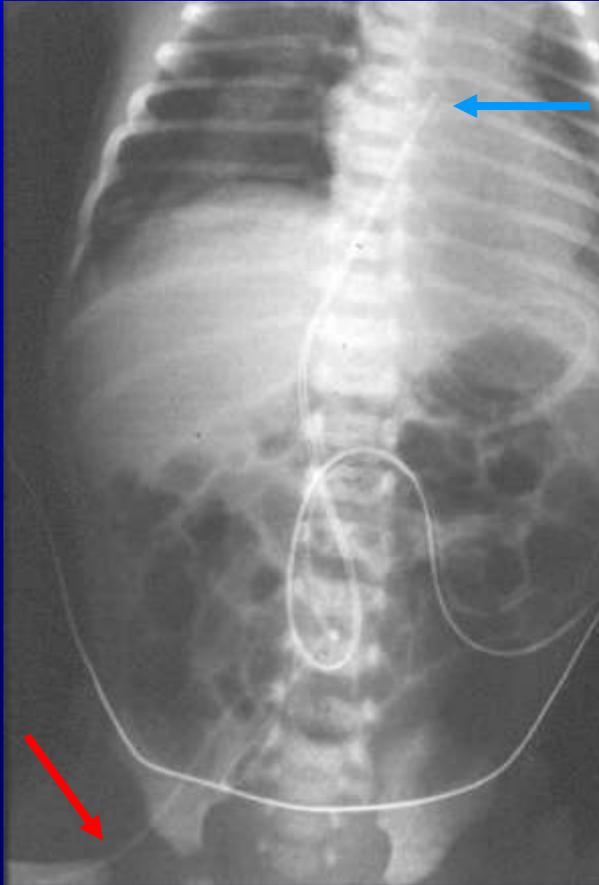
CVC MALPOSITIONS 25 (24.5%)



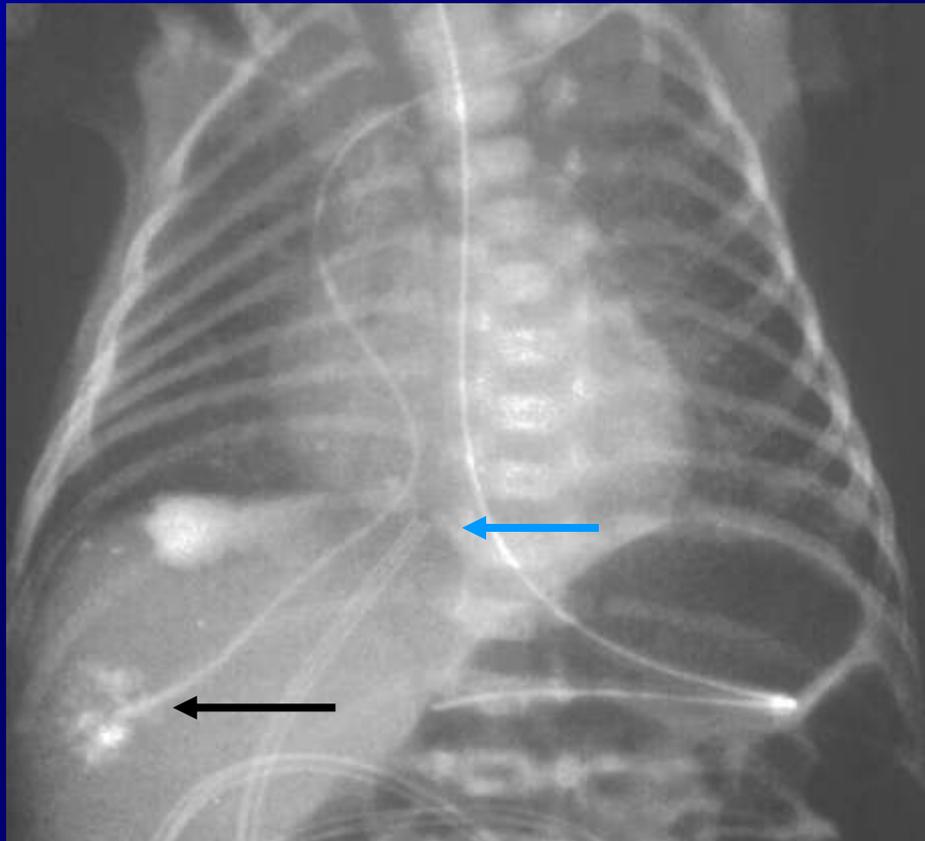
UVC COMPLICATIONS 8 (5.3%)



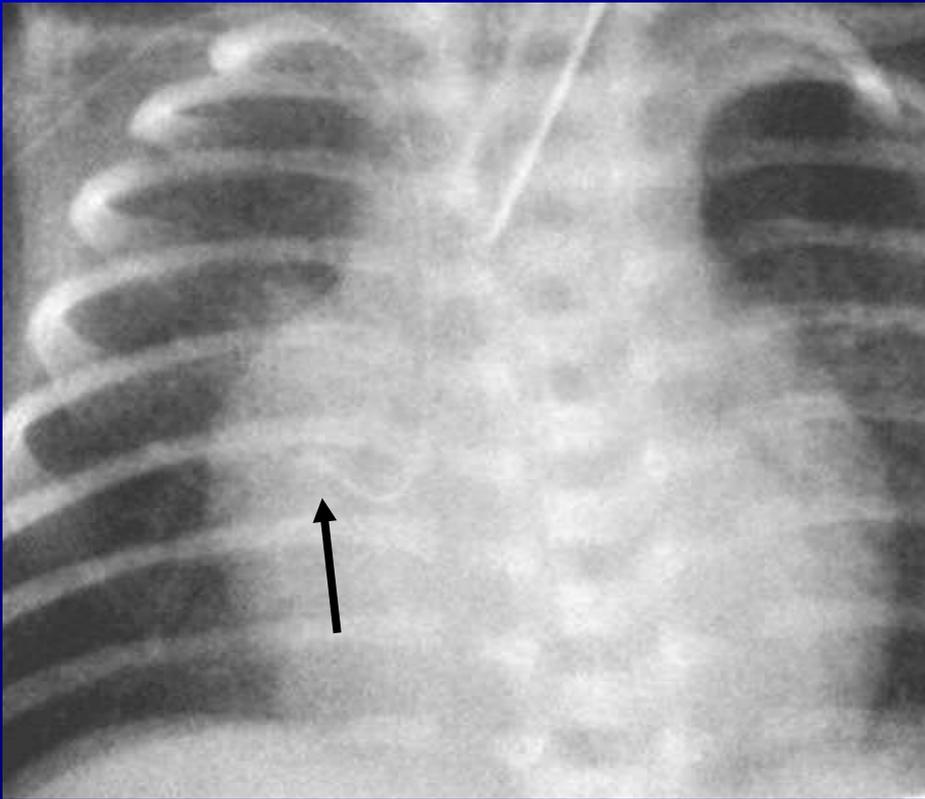
AUC COMPLICATIONS 1 (6.3%)



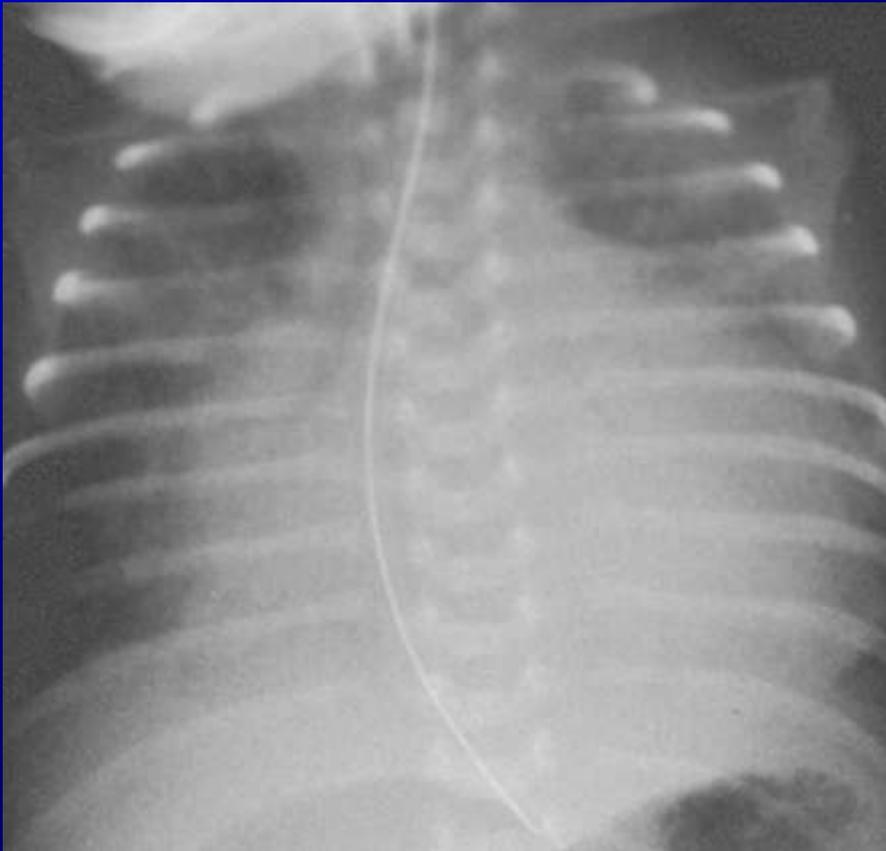
CVC COMPLICATIONS 13 (12.7%)



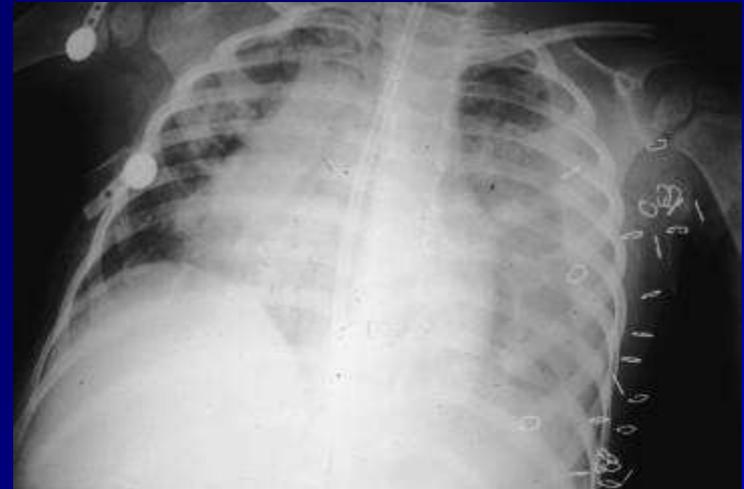
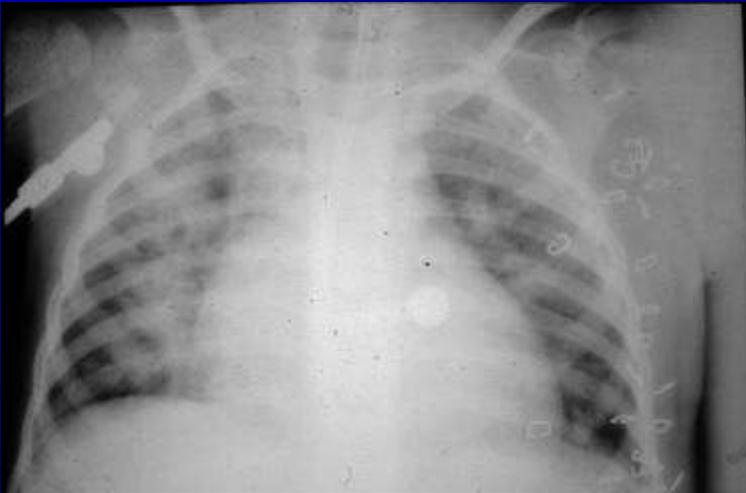
CVC COMPLICATIONS 13 (12.7%)



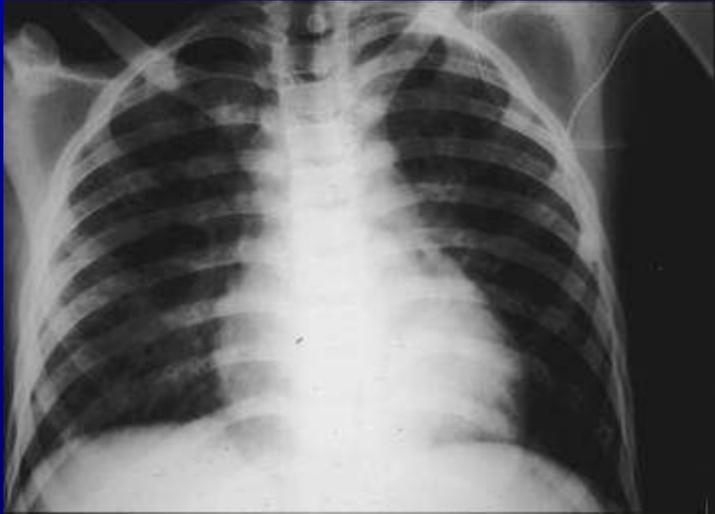
CVC COMPLICATIONS 13 (12.7%)



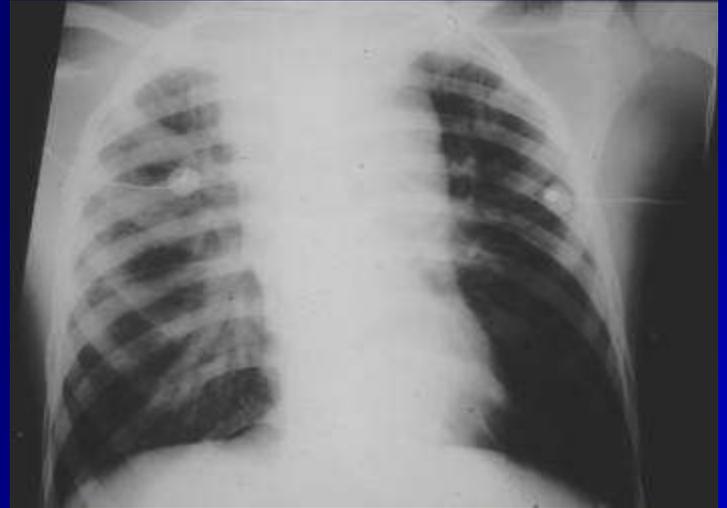
POSE DE CATHÉTER



POSE DE CATHÉTER

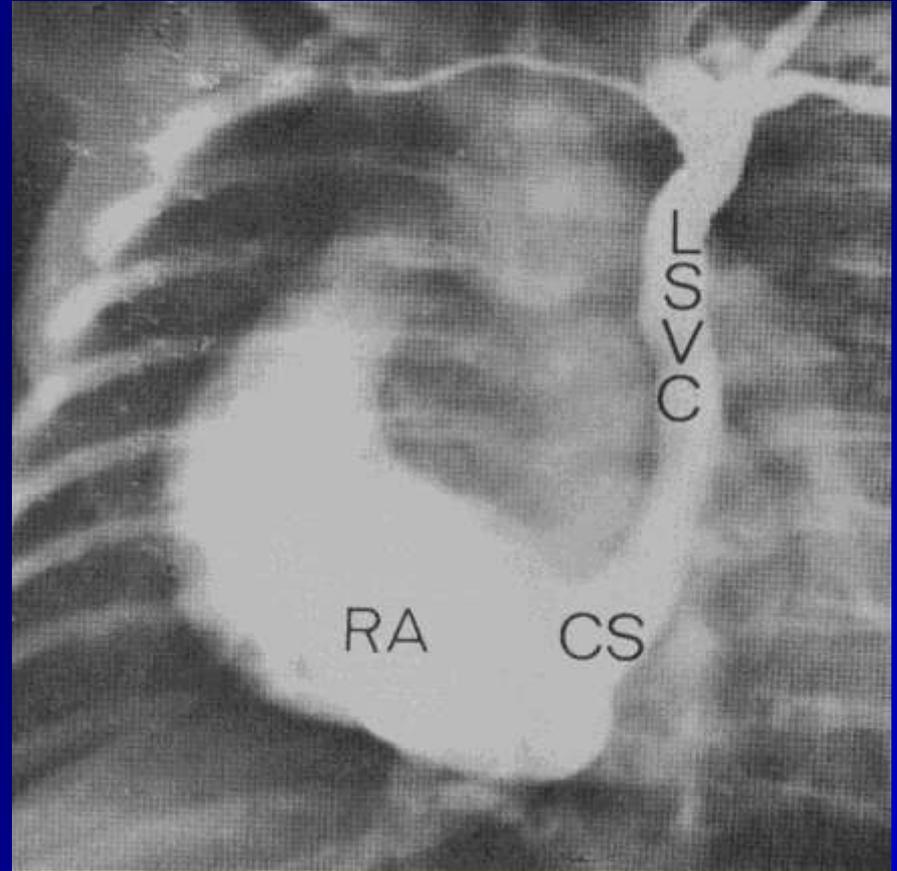
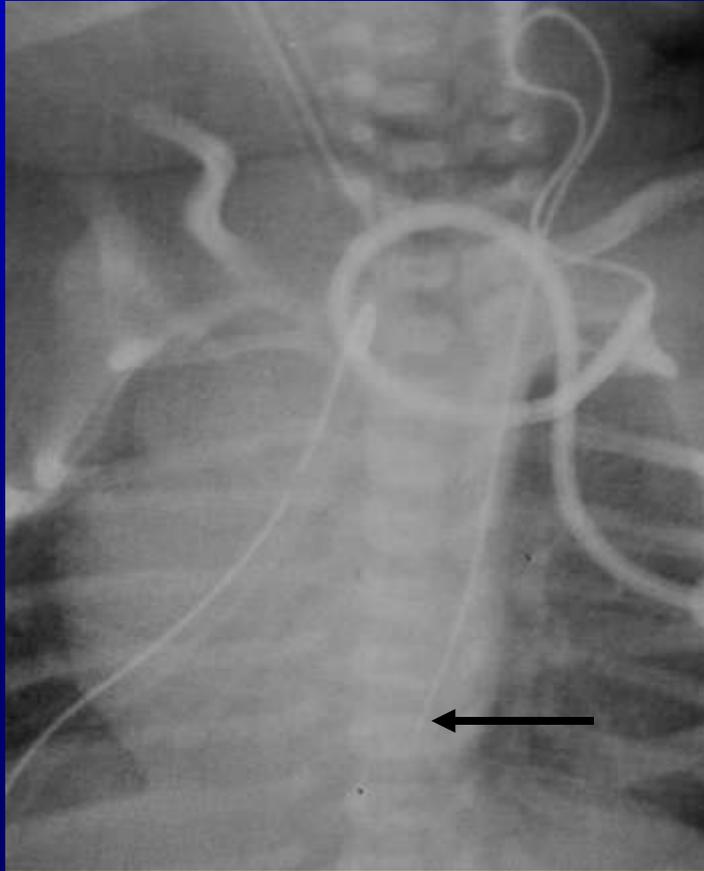


Avant



Après

CVC VASCULAR ANOMALIES 1 (1%)



CONCLUSION 1

- Les cathéters sont indispensables dans la prise en charge des prématurés
- Respect des procédures
- Contrôle radiographique

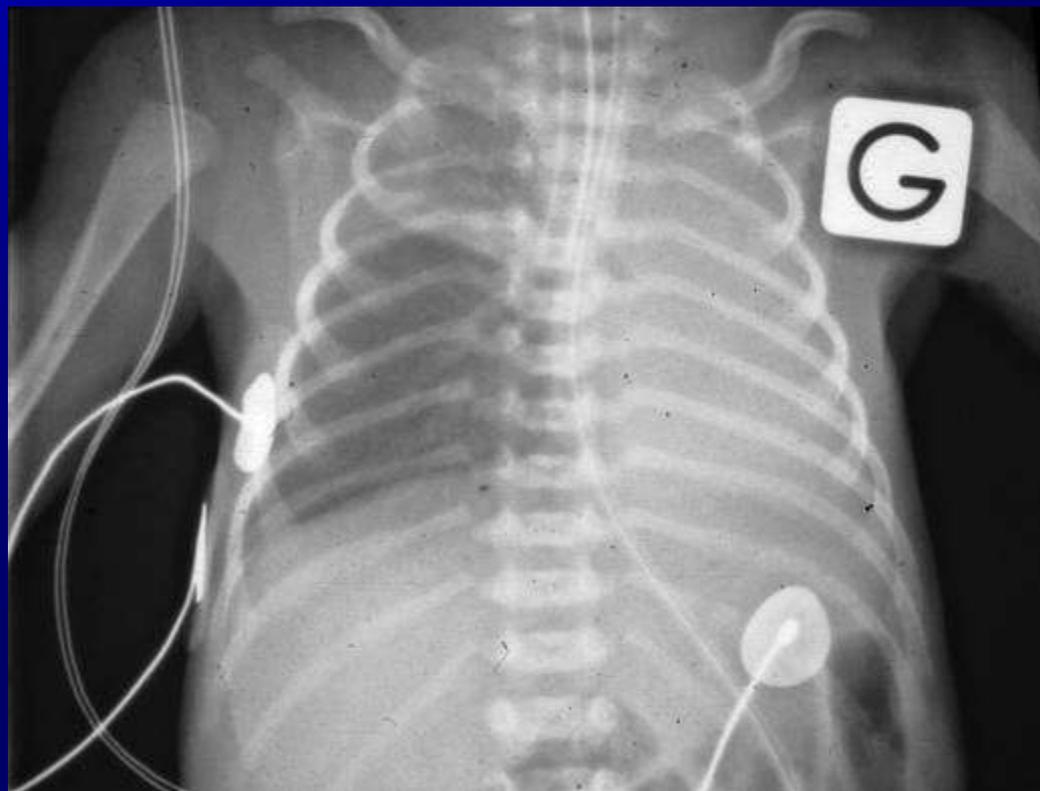
CONCLUSION 2

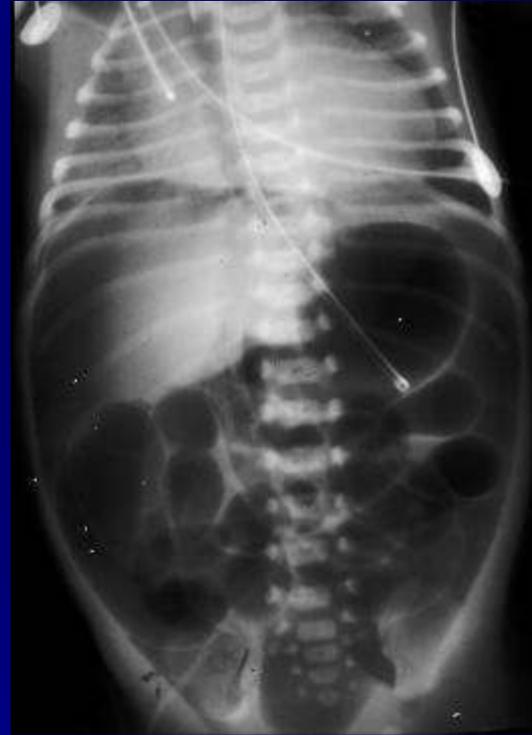
Mauvaise position dans 19,3%

Complication dans 7,8%, plus fréquentes
avec les cathéters centraux

■ ET LES SONDÉS????

SONDE D'INTUBATION





SONDE D'INTUBATION – SONDE GASTRIQUE

