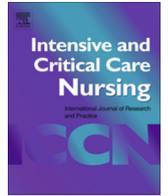




Contents lists available at [ScienceDirect](https://www.sciencedirect.com)

# Intensive & Critical Care Nursing

journal homepage: [www.elsevier.com/icc](http://www.elsevier.com/icc)



## Chest X-ray quiz

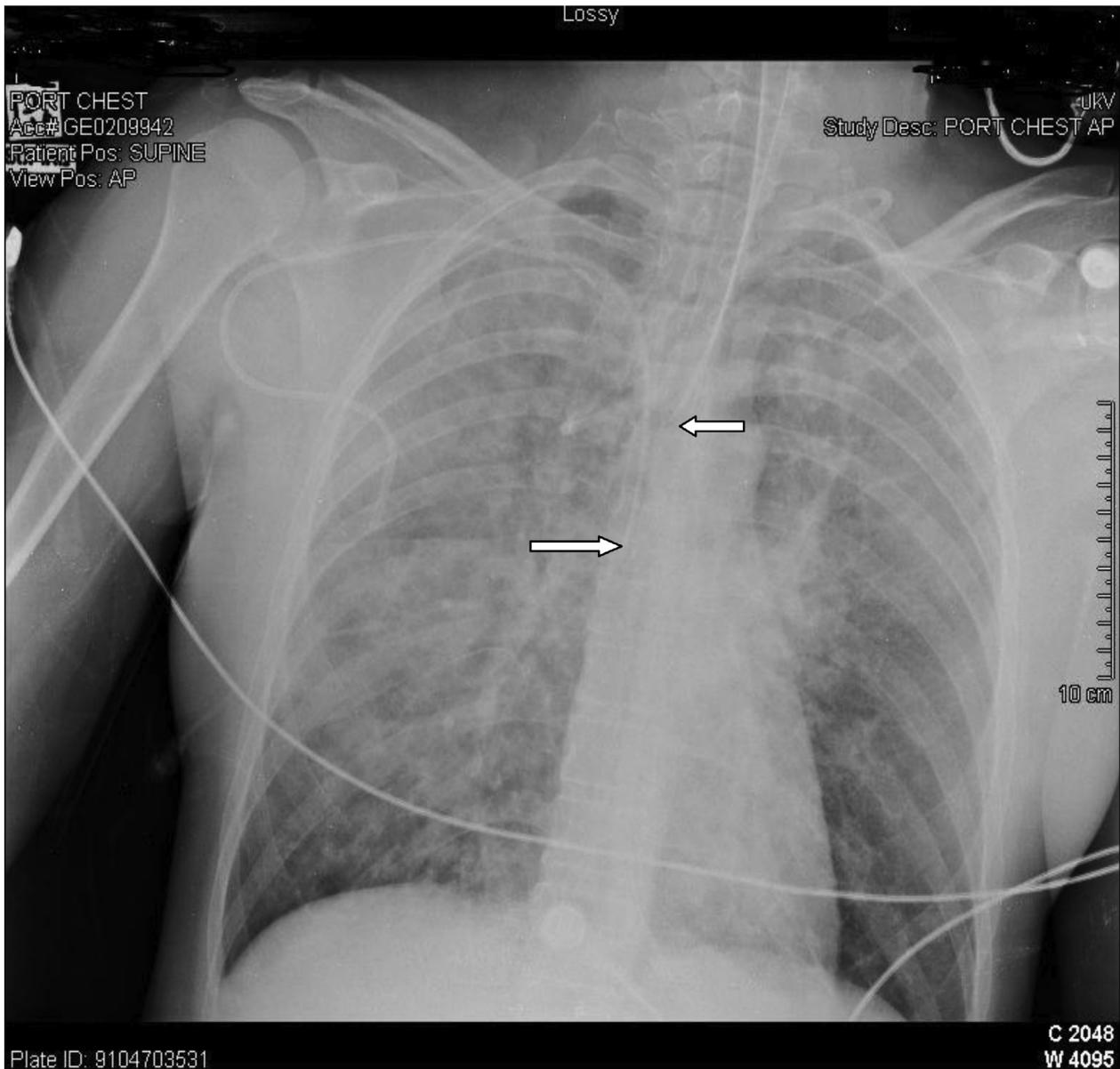
Compiled by Marea Reading RN

Consultant Cardiothoracic Nursing Education, Sydney, NSW

### Question

This is an anterior-to-posterior (AP) supine chest X-ray of a 49-year-old female found floating in a swimming pool. Are you happy with the location of the endotracheal tube (ETT), central vein catheter (CVC) and intragastric tube (IGT)? What comments can be made about the appearance of the lungs?





### Answer and discussion

You are happy with the ETT, situated a reasonable distance above the carina (arrowed), and with the right CVC which overlies the expected position of the cavo-atrial junction (arrowed). The end of the IGT is not visible. There is marked asymmetric mixed infiltrate within both lungs. Given the patient's history of near drowning, the appearances are consistent with adult respiratory distress syndrome (ARDS).

Other causes of ARDS are sepsis, severe pneumonia, head injury, chest or other major injury, pancreatitis, burns.

<https://www.mayoclinic.org/diseases-conditions/ARDS/symptoms-causes/syc-20355576> accessed 4/6/18.