

Session 8

30th March 2007

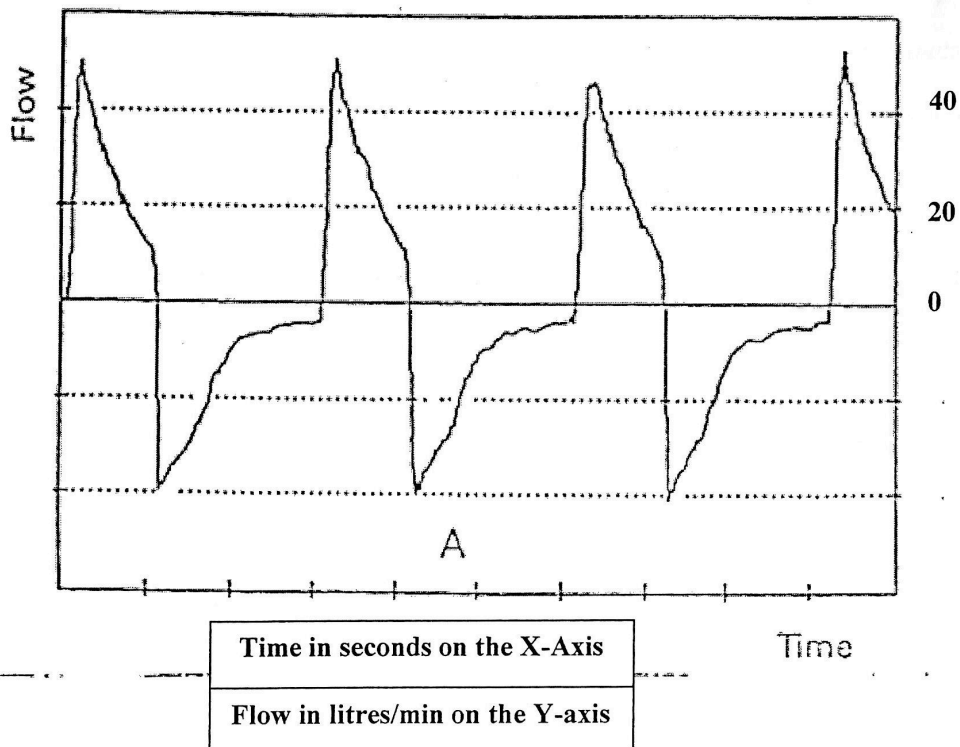
2pm AICU Seminar Room

Respiratory (2)

1.

Hina

Examine this flow time curve generated from a mechanically ventilated patient.



1a.

What pathological process is revealed by this flow time trace?

1b.

What other features (both clinical and adjunctive tests) may support the diagnosis of this pathological process?

1c.

What is the mechanism and what are the clinical consequences of this pathological process?

(20mins)

- 2. Outline and justify your ventilation strategy in severe bronchospasm. What is the role of PEEP acutely and during weaning? (20mins)**
James
- 3. Critically evaluate the evidence for drug therapy in acute severe asthma. (Handout - 10mins, to be emailed out one week before meeting. I would like you to use my theory, evidence, practice format to answer this question but the literature evidence does not need to be extensive.)**
Sarah
- 4. Critically evaluate the role of humidification in ventilated patients (20mins; I would like you to use my theory, evidence, practice format to answer this question.)** Neil
- 5. How does a modern ventilator work (best to choose one you are familiar with)? You will also need to explore such things as how does it measure flow, pressure, and carry out simple bedside ventilation manoeuvres. (30mins; Do not go into great detail on different modes of ventilation we will save that for Respiratory 3 in 2008)**
Dan