Episode 43: The Other Side of Lucy Letby.

While an NG tube on free drainage is typically used to relieve CPAP belly syndrome, it can potentially contribute to the condition in certain circumstances:

An NG tube left on free drainage can help decompress the stomach and intestines, reducing abdominal distension caused by CPAP.

This is a common management strategy for babies with abdominal distension due to paralytic ileus, gastrointestinal disease, or those on high-flow nasal cannula therapy like Vapotherm or Optiflow..

If the NG tube is not positioned correctly or becomes displaced, it may not drain the stomach effectively, allowing air accumulation to continue.

An improperly sized or positioned NG tube might introduce additional air into the stomach if it's above the level of gastric contents.

Regular assessment of tube position and function is necessary to ensure that it is providing relief rather than contributing to the problem.

Humidified High Flow Nasal Cannulae (HHFNC)

Policy for Insertion and Safe Management of Nasogastric and Orogastric Tubes in Neonates

Continuous Positive Airway Pressure Belly Syndrome: Challenges of a Changing Paradigm | Priyadarshi | International Journal of Clinical Pediatrics

Unclotted blood in the peritoneal cavity suggests that the bleeding occurred very recently, likely just before or around the time of death.

A large volume of unclotted blood may indicate rapid, massive bleeding that overwhelms the body's clotting mechanisms

The presence of both clotted and unclotted blood, as mentioned in the case study, can suggest that bleeding continued up until the time of death.

Unclotted blood might also indicate the person was on anticoagulant medication or had a coagulation disorder, though this would need to be confirmed through additional evidence.

A significant amount of unclotted blood in the peritoneum can point to hemorrhagic shock as a possible cause of death, especially when combined with other autopsy findings.

Fatal Clostridium perfringens sepsis with spleen rupture and intraabdominal massive bleeding in a 37-week pregnancy

Diagnostic accuracy of postmortem computed tomography for bleeding source determination in cases with hemoperitoneum - PMC

Subcapsular Liver Hematoma—A Life-Threatening Condition in Preterm Neonates—A Case Series and Systematic Review of the Literature

Hemoperitoneum: What It Is, Symptoms, Causes & Treatment