



SNS COLLEGE OF ALLIED HEALTH SCIENCES

SNS Kalvi Nagar, Coimbatore - 35

Affiliated to The Tamil Nadu Dr MGR Medical University, Chennai



DEPARTMENT OF PHYSICIAN ASSISTANT

COURSE NAME : GASTROENTEROLOGY

3RD YEAR

TOPIC : THE ENDOSCOPY UNIT & STAFF



The Endoscopy Unit and Staff



STAFF

- Specially trained endoscopy nurses are essential.
- They have many important functions, including to:
- prepare patients for their procedures, physically and mentally;
- set up all of the necessary equipment;
- assist the endoscopist during procedures;
- monitor patients' safety, sedation and recovery;
- clean, disinfect and process equipment;
- maintain quality control.



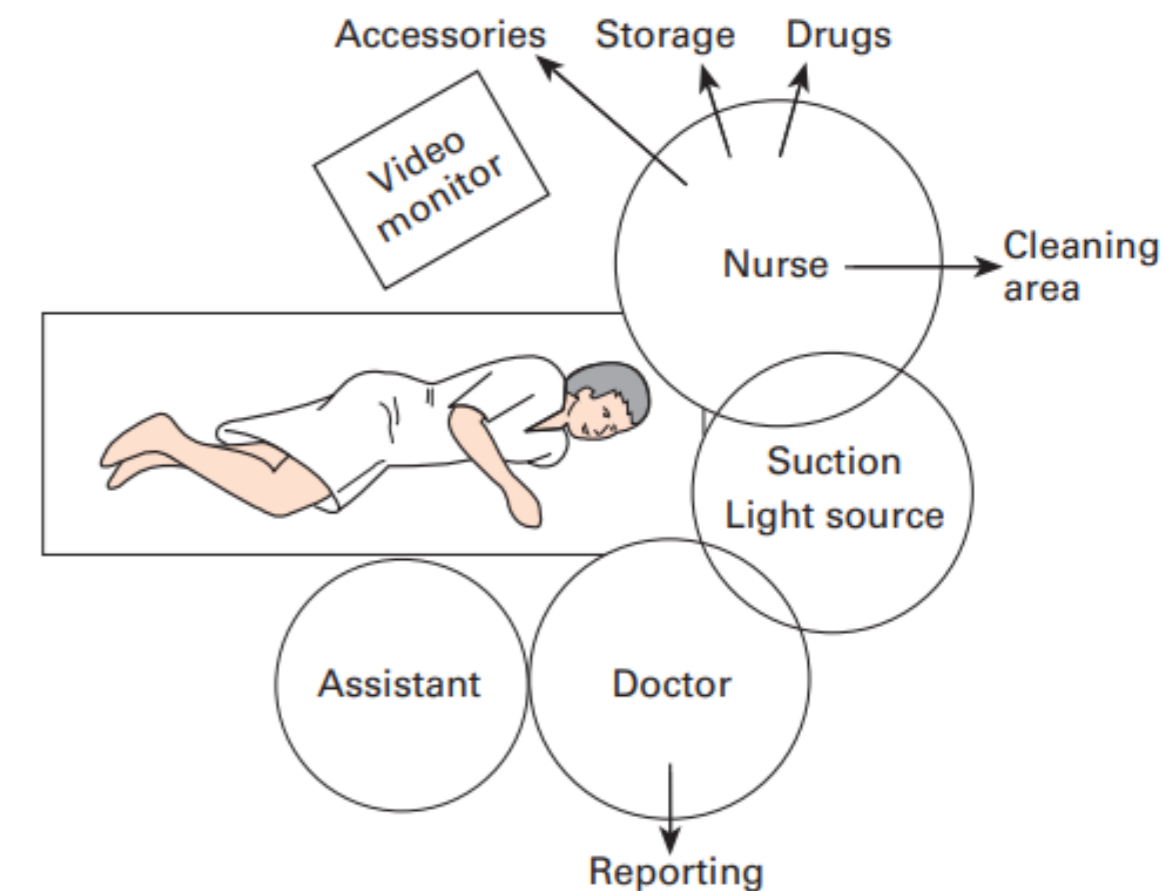
Procedure rooms



- Not be cluttered or intimidating
- Be large enough to allow a patient stretcher trolley to be rotated on its axis, and to accommodate all of the equipment and staff
- Be laid out with the specific functions in mind, keeping nursing and doctor spheres of activity separate, and minimizing exposed trailing electrical cables and pipes

Each room should have:

- Piped oxygen and suction (two lines)
- Lighting that is focused for nursing activities, but not dazzling to the patient or endoscopist





Procedure rooms (cont)



- Video monitors placed conveniently for the endoscopist and assistants
- Adequate counter space for accessories, and a large sink for dirty equipment
- Storage space for the equipment required on a daily basis
- Systems of communication with the charge nurse desk, and emergency call
- Disposal systems for hazardous materials.





Peri-Procedure Areas



The peri-procedure areas that patients encounter include:

- Reception, and waiting for patients and accompanying persons.
- Preparation (safety checking, consent, undressing, intravenous (IV) access).
- Recovery This should be separate from the preparation area so that patients coming in are not mixed with those going out but adjacent for efficient nursing management.
- Post procedure interview and discharge. A private area must be available for sensitive consultation



Staff areas



The endoscopy unit also has many support areas that patients do not see, including:

- A central focus workstation
- Endoscope storage, cleaning and disinfection
- Storage of all other equipment, including an emergency cart
- Medication storage
- Reporting
- Management office
- Staff belongings and refreshments



MANAGEMENT AND BEHAVIOR



- Requires efficient management and leadership
- They must develop and maintain good working relationships with many departments within the hospital (such as radiology, pathology, sterile processing, anesthesia, bioengineering)
- They must be skilled in handling people (doctors, staff and patients), complex equipment and significant financial resources
- The wise endoscopist will embrace the team approach
- Always assume that patients are listening, even if apparently sedated, so never chatter about irrelevances in their presence.
- Never eat or drink in patient areas.
- Background music is appreciated by many patients and staff.



DOCUMENTATION



- Day-to-day documentation includes details of staff and room usage, disinfection processes, instrument and accessory use and problems, as well as the procedure reports

Procedure reports

Usually, two reports are generated for each procedure

- Nurse's report
- Endoscopist's report



Nurse's report



- The nurse's report usually takes the form of a preprinted 'flow sheet', with places
- To record all of the pre procedure safety checks
- Vital signs
- Use of sedation/analgesia and other medications
- Monitoring of vital signs and patient responses
- Equipment and accessory usage, and image documentation.
- It concludes with a copy of the discharge instructions given to the patient



Endoscopist's report



The endoscopist's report includes

- The patient's demographics,
- reasons for the procedure (indications)
- Specific medical risks and precautions
- Sedation/analgesia findings
- Diagnostic specimens
- Treatments
- Conclusions
- Follow-up plans
- Any unplanned events



THANK YOU