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SOP: Invasive Procedures

1. Purpose

- Ensure all invasive procedures are performed safely.
- Standardize infection prevention and control practices.
- Reduce infection risk, complications, and adverse events.

2. Scope

- Applies to all staff involved in preparing, performing, or supporting invasive procedures.
- Includes venipuncture, biopsies, wound closure, and minor surgical interventions.

3. Responsibilities

- Follow infection prevention and control protocols.
- Obtain and document informed consent.
- Use sterile equipment and support aseptic technique.
- Keep accurate documentation before, during, and after procedures.
- Report and manage complications immediately.

4. Procedure

- 4.1 Consent
- Obtain informed consent before the procedure.
- Ensure patient understands risks, benefits, and alternatives.
- Document consent in the patient's record.

4.2 Designated Procedure Area

- Use a clean, controlled, well-lit workspace.
- Disinfect area before and after each procedure.

4.3 Infection Prevention

- Perform hand hygiene.
- Use sterile gloves, masks, gowns.
- Maintain aseptic technique.
- Use sterile instruments only.
- Dispose of sharps in approved containers immediately.

4.4 Surgical Care

- Provide safe, proper surgical techniques (e.g., suturing, dressing, specimen collection)
- Apply added measures only if relevant to the specific procedure.

4.5 Managing Adverse Reactions

- Monitor patient during and after the procedure.
- Watch for allergic reactions, bleeding, or infection.
- Ensure emergency equipment/medications are available.
- Document and report all adverse events.

4.6 Documentation

Record:

- Practitioner's name/designation
- Date and time.
- Procedure type and site
- Equipment and materials used.
- Medications or anesthetics given.
- In-procedure and post-procedure observations
- Complications, if any
- Patient condition after the procedure

5. Post-Procedure Care

- Dispose of sharps and waste per facility policy.
- Clean and sterilize reusable instruments.
- Provide wound-care instructions.
- Arrange follow-up if needed.

6. Audit & Review

- Review SOP every 5 years or earlier if guidelines change.
- Conduct regular audits to ensure compliance.

7. References

- WHO Infection Prevention and Control Guidelines
- Facility IPC Policy
- Occupational Health & Safety Regulations