

PROFESSIONAL SKILLS 1
3RD YEAR
SEMESTER 6
RADIOGRAPHY

Fistulgram

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FISTULGRAM .



FISTULOGRAMS AND SINUGRAMS


What is a Fistulogram / Sinogram?

A Fistulogram or Sinogram is a procedure to view an abnormal passage (fistula/sinus) between two or more organs.



It may include a passage from inside the body, to an opening on the skin.

Contrast (once called as x-ray dye) is used to identify the start of the fistula/sinus, its pathway, tract number and what organs are involved.


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- *Preparation:*
 - Painless procedure not requiring anesthesia.
 - Exclude pregnancy.
 - Antibiotics
 - Expose/ clean the site of the fistula.



□ Technique:

- Control films ?
- Mark the oriface.
- Fine catheter is inserted to the opening of the fistula or the sinus.

- Slow injection of contrast under fluoroscopy.
- Spot films (AP- LAT- Oblique) + tangential views.
- Cover the orifice with a gauze?



□ *After care:-*

- Clean the wound site.
- Pt may pass the contrast and secretions after the procedure.



□ *Complications:*

- Commonly:

Minor pain

Skin bruise

infection



- *Less commonly:-*

Allergy to contrast.

Failure of the procedure to any reason. Including
closed fistulae.




- *Rarely:*

Perforation

Cancer / radiation related.

Death/ extremely rare

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- Less invasive recent procedures:
 - *MRI Fistulogram.*





