



# SIALOENDOSCOPY



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## PRE-TREATMENT



SIALOGRAPHY SHOWS STONE



ENDOSCOPE INSERTED



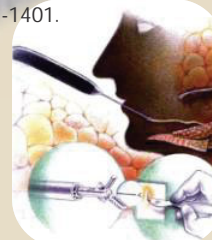
ENDOSCOPE IN DUCT



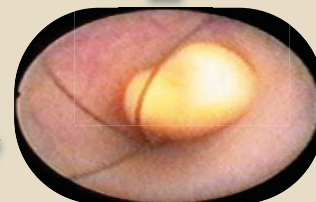
INSERTED FURTHER



DUCT OBSTRUCTED DUE TO STONE

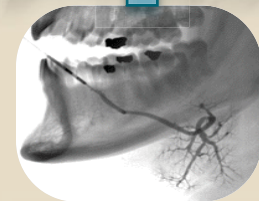


INSTRUMENTATION

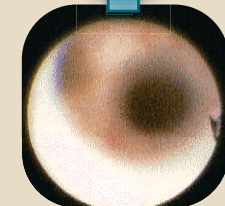


REMOVAL BY BASKET

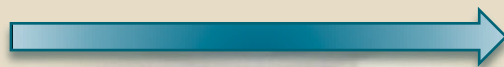
## POST-TREATMENT



POST- OPERATIVE RADIOGRAPH

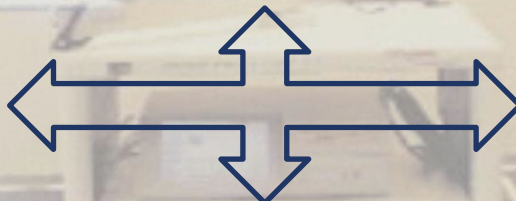


STONE COMPLETELY REMOVED



### ADVANTAGES

- Ensure complete removal of stones.
- Procedure done under local anesthesia.
- Identify radiolucent stones, polyps, stenosis, mucous plugs and foreign bodies.
- Surrounding tissues minimally damaged.



### CONTRAINDICATIONS

- Acute inflammatory conditions
  - Sialadenitis
  - Nonfunctioning gland
- Intra parenchymal stones and ductal lumen that cannot be enlarged to 1.3 mm.

### DISADVANTAGES

- Temporary lingual paralysis.
- Development of ranula and ductal strictures.
- Technique sensitive.
- Post operative infection.

### INDICATIONS

- When conventional method is hazardous.
- For screening of ductal system.
- Recurrent episodes of major salivary gland swellings .
- Positive evidence of ductal dilatation and stenosis.

### REFERENCES:-

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