Orbital Dehiscence
Preoperative Assessment
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Preoperative Assessment
Infraorbital Ethmoid Cell
Mucoceles

Concha bullosa

Agger nasi cell

uncinate process
**Basic Principles**

- **Physiologic procedure**
  - Maintain normal anatomic structures
    - As much as allowed by underlying disease
- **Relieve obstruction**
  - Restore normal drainage/aeration
- **Mucosa sparing**
- **Minimize mucosal trauma**
  - Maintain turbinate support
  - Remove bone chips
The Past

Non-Cutting Instruments

Do not allow for precise tissue removal
The Present
Cutting Instruments

Allows for more precise tissue removal
Use pediatric size
Appropriate Instrumentation

Kuhn Frontal Sinus Set
Procedure

- Obtain access
- Uncinectomy - complete
- Maxillary antrostomy
- Open or remove bulla
- Posterior ethmoidectomy
- Sphenoidotomy
- Agger nasi removal and frontal recess dissection
Concha Bullosa