

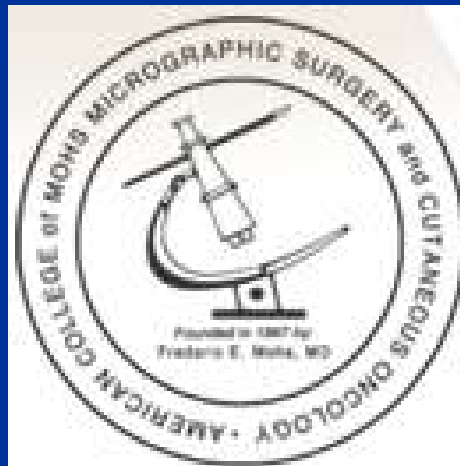
Facial Reconstruction

Greg S. Morganroth, MD

Adjunct Clinical Professor of Otolaryngology/Head and Neck Surgery, Stanford University

Assistant Clinical Professor of Dermatology, University of California, San Francisco

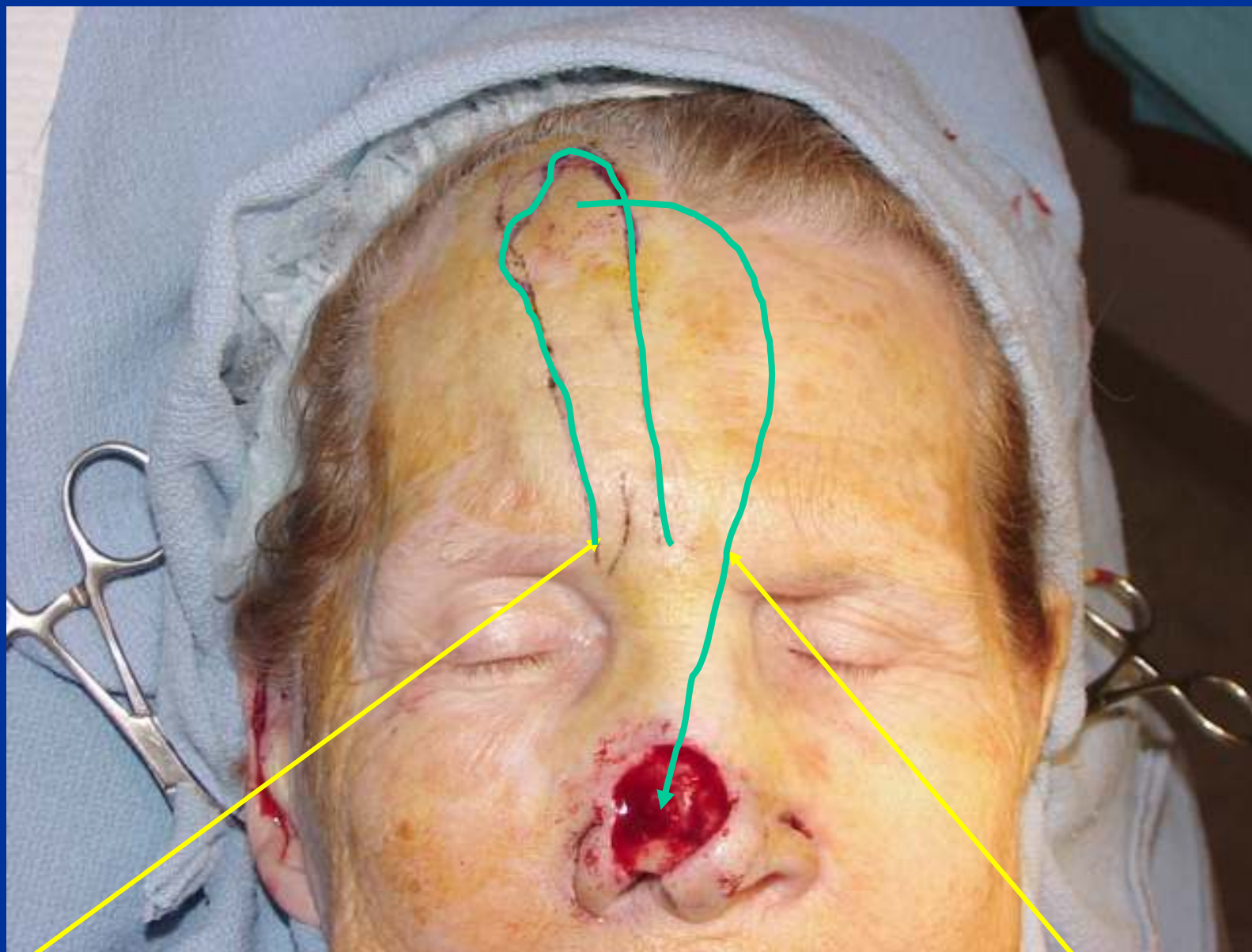
Fellowship Director, American College of Mohs Surgery



The Paramedian Forehead Flap

Greg S. Morganroth, MD

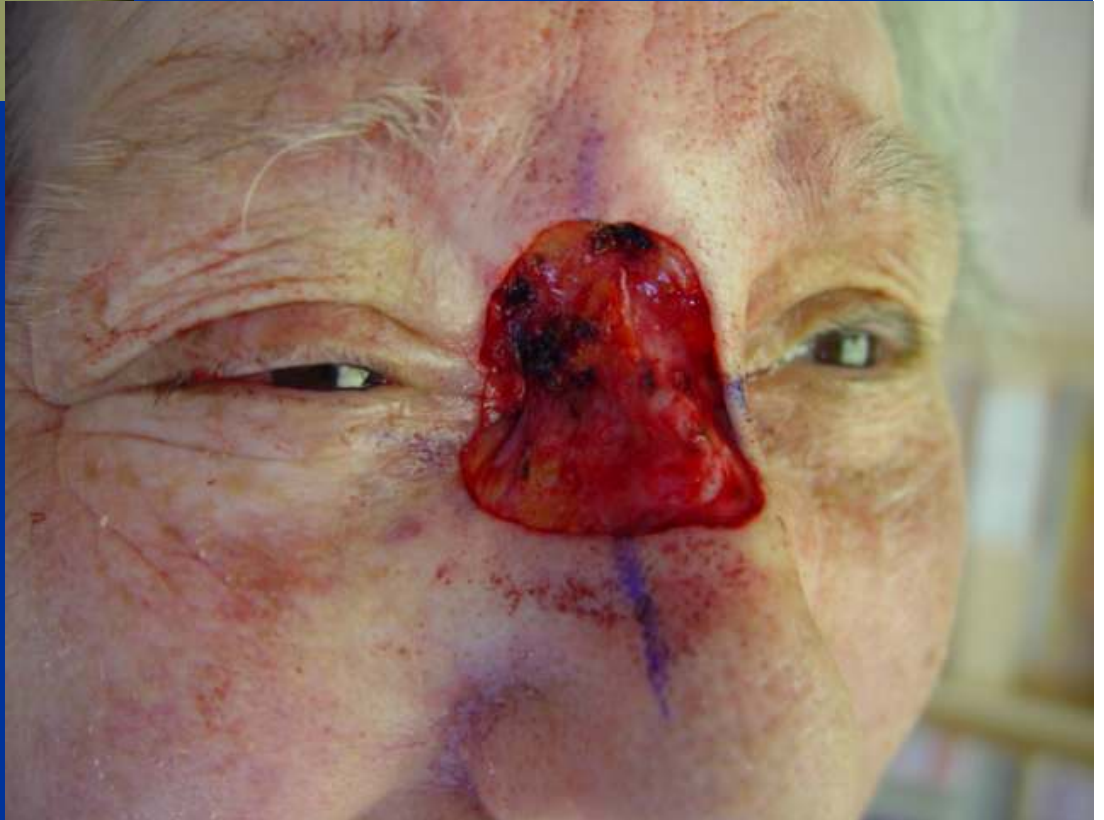
Basic Anatomy of a Paramedian Forehead Flap



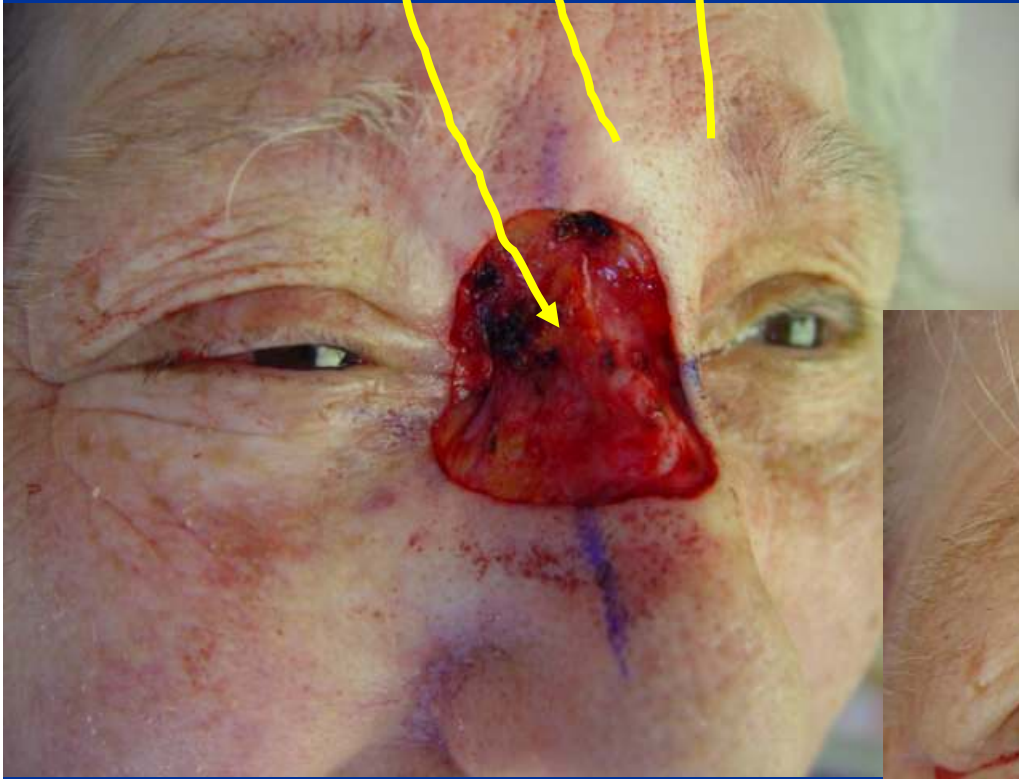
Supratrochlear A.

Supratrochlear A.

Multiply Recurrent BCC



Paramedian Forehead Flap





One week later

Three Weeks after
Mohs Surgery and
Forehead Flap



Stage II: Division of Pedicle



Immediately after Stage II



One month after Mohs



Basal Cell Carcinoma Involving Nose and Eyelid

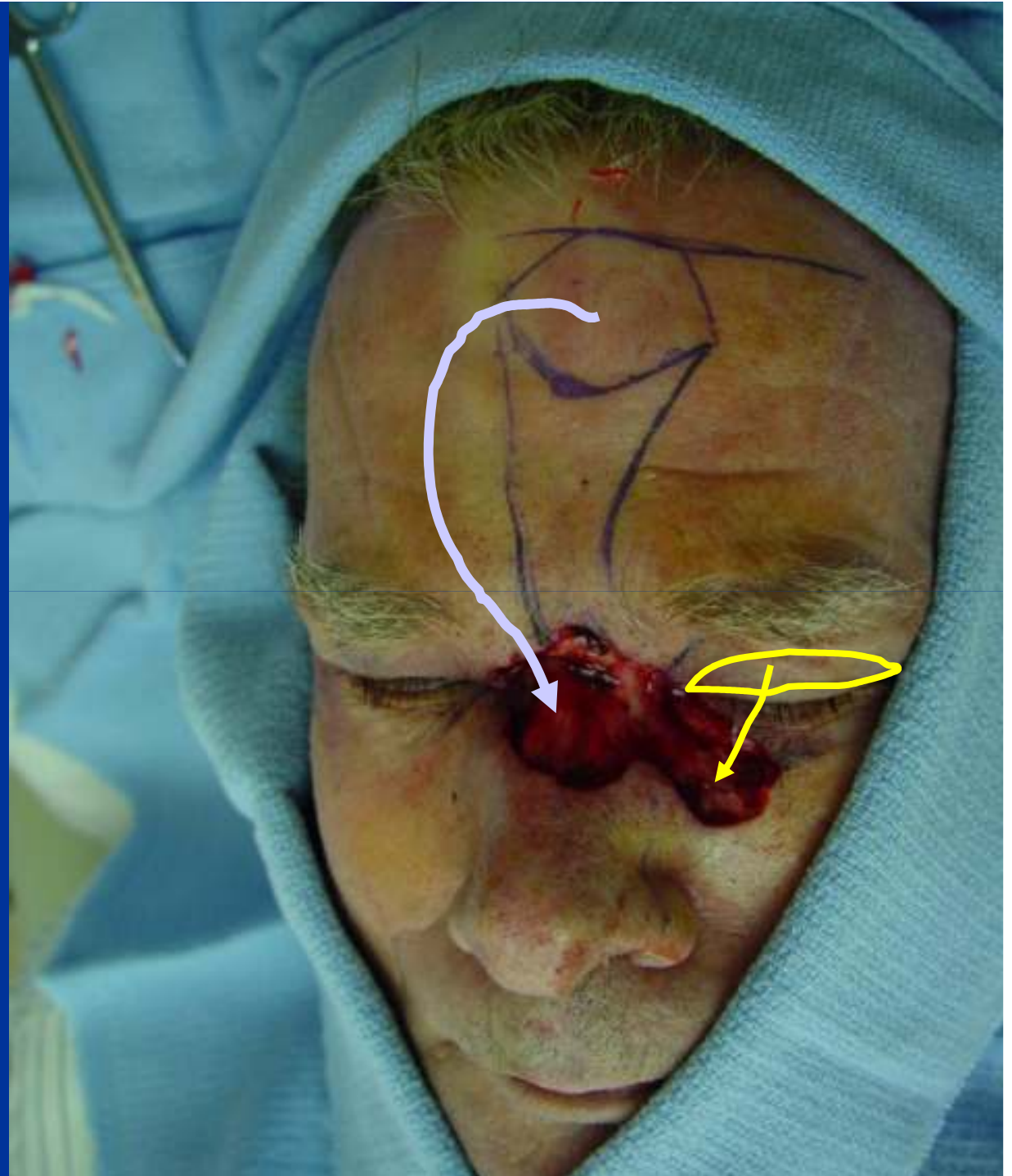




**Defect to
bone after
Mohs
Surgery**

**Forehead flap
to repair nose**

**Graft from
upper eyelid
to replace
lower eyelid
defect**





Immediately post-op





One week
later

One week later





3 weeks later



3 weeks later





Immediately after Stage II
Sutures will be removed in 1
week
Flap will heal and flatten over
the next few months

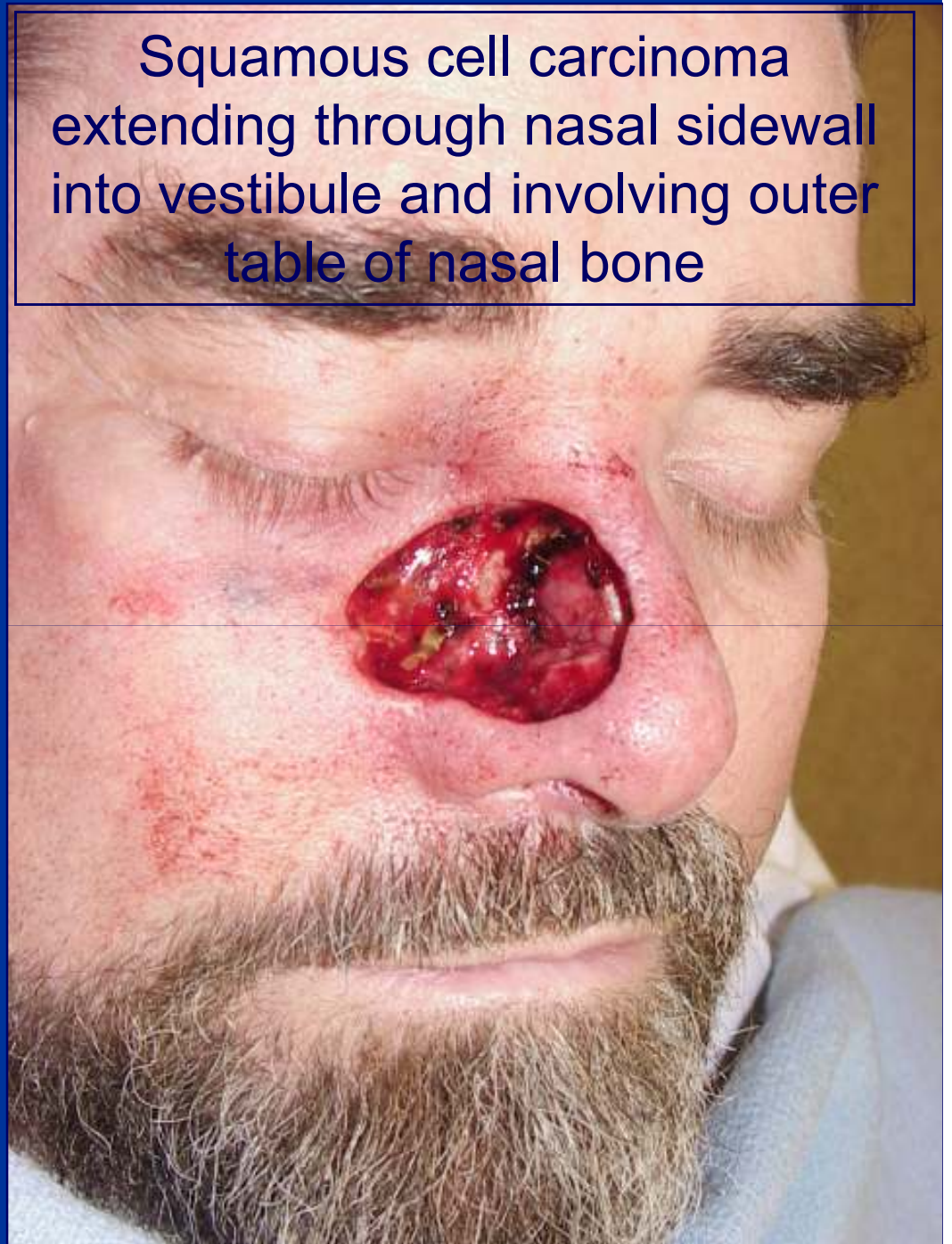


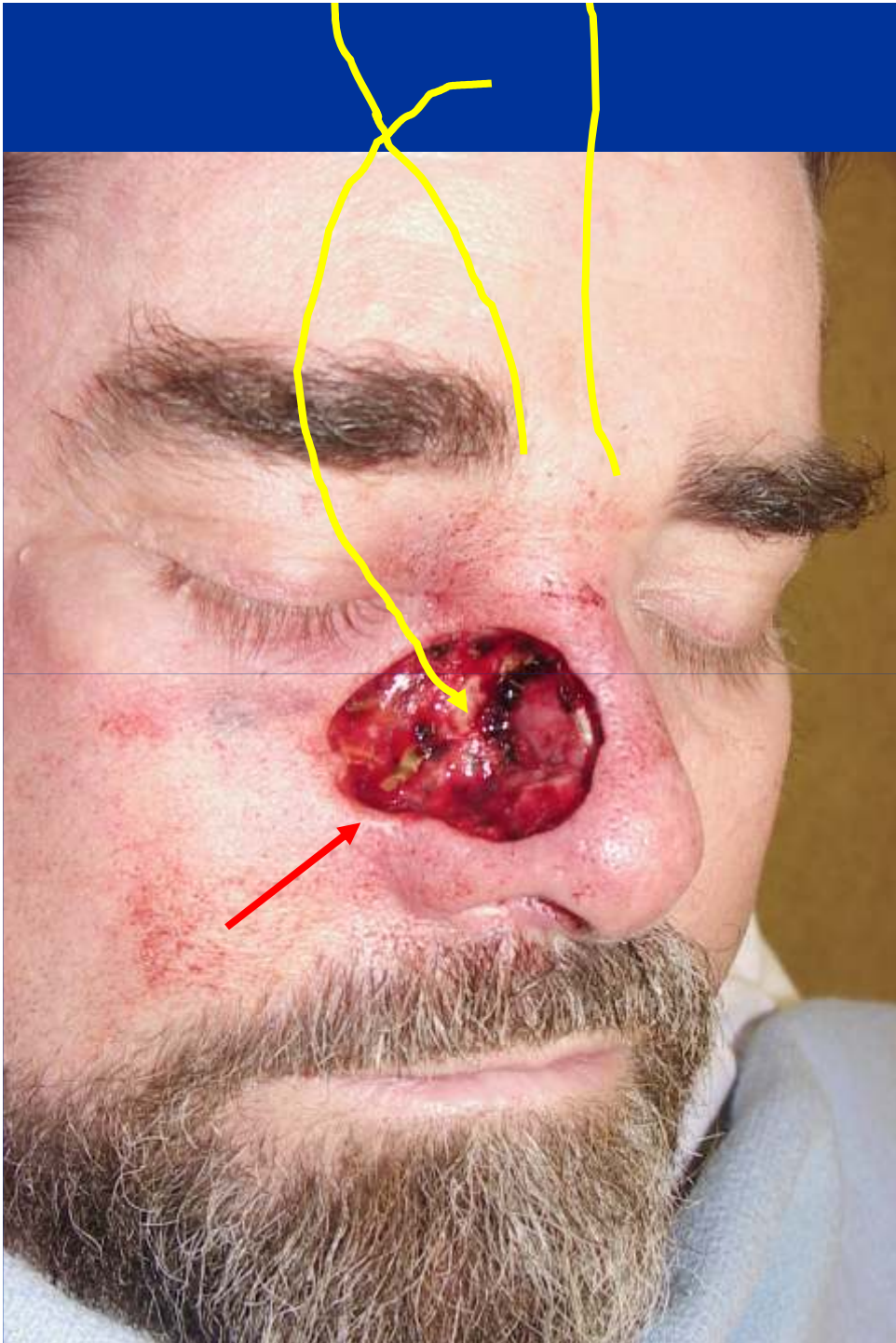
Immediately after Stage II
Sutures will be removed in 1
week
Flap will heal and flatten over
the next few months



One month later

Squamous cell carcinoma
extending through nasal sidewall
into vestibule and involving outer
table of nasal bone





Immediate post-op



After Stage II



6 months later



**86-year-old woman
Recurrent BCC
s/p excision x 2 and XRT**

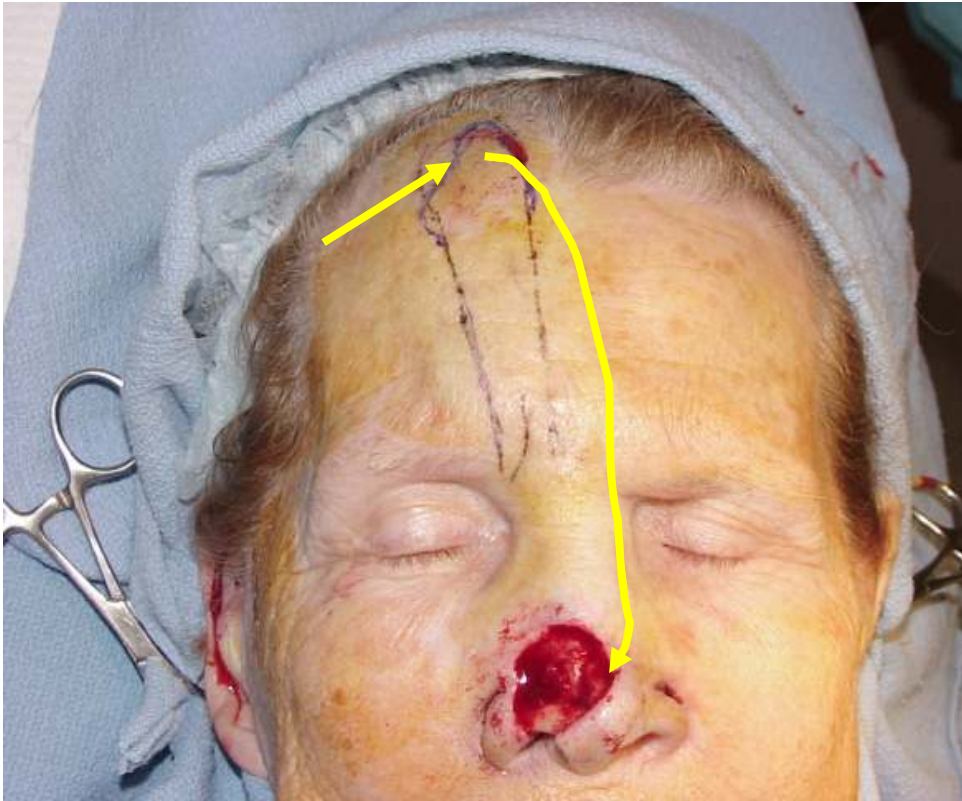


4 stages / 9 sections





**Cartilage grafts from
antihelix**



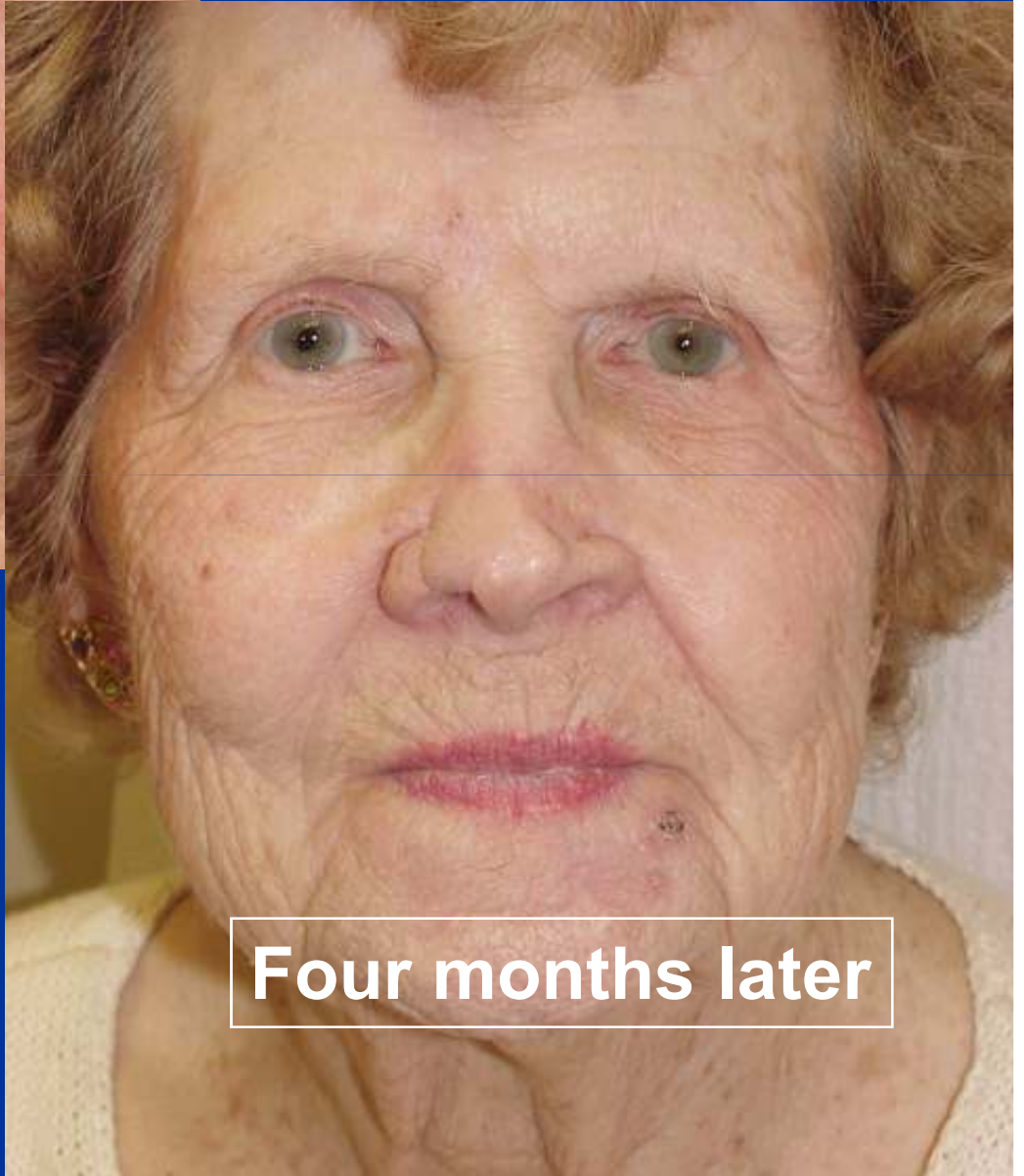


Three weeks after
Mohs surgery





Pre-op



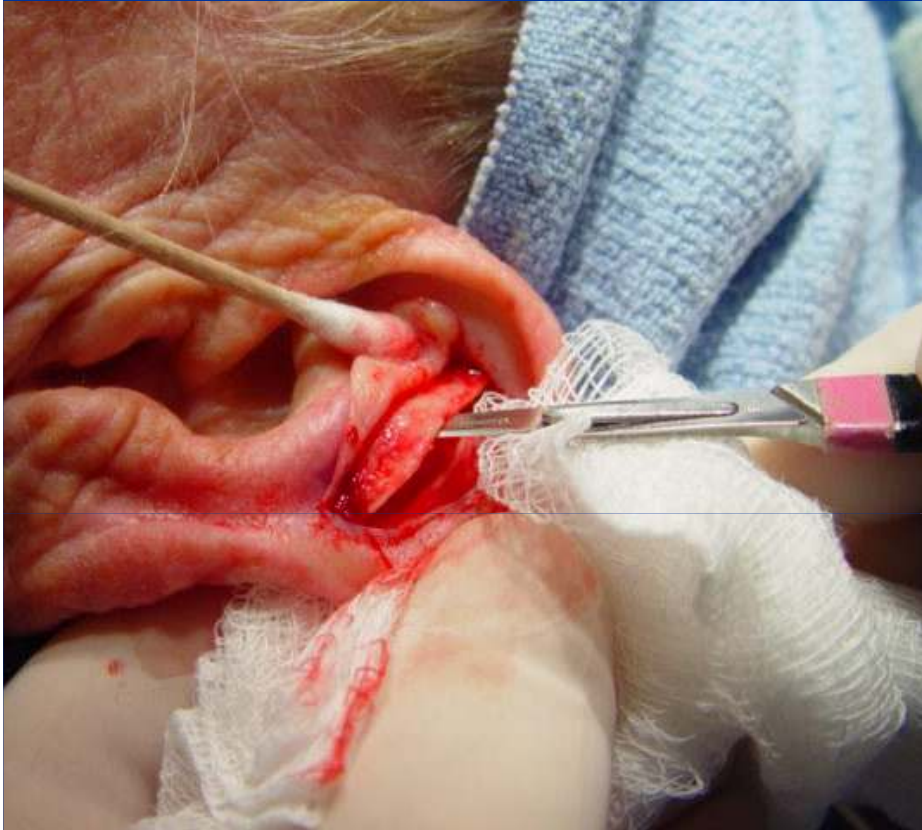
Four months later

**Basal Cell Carcinoma (primary) for 15 years
Columella, Nasal Infratip, and Upper Lip
78yo woman**





Defect following Mohs surgery with loss of columella, infratip, central nasal sill, and upper lip



Antihelix cartilage rectangles area sutured to septal cartilage to recreate columella and nasal sill framework



Additional cartilage is used to recreate framework for soft triangle



Paramedian forehead flap is created and transposed to cover cartilage framework of infratip, columella, and nasal sill. Bilateral advancement flap used for upper lip

Immediately post-op



Three weeks after Stage I





Three weeks after Stage I



Stage II (three weeks post-Mohs and repair): pedicle is divided and distal end is thinned and sutured into place. Proximal end is excised and reconstructed with an advancement flap

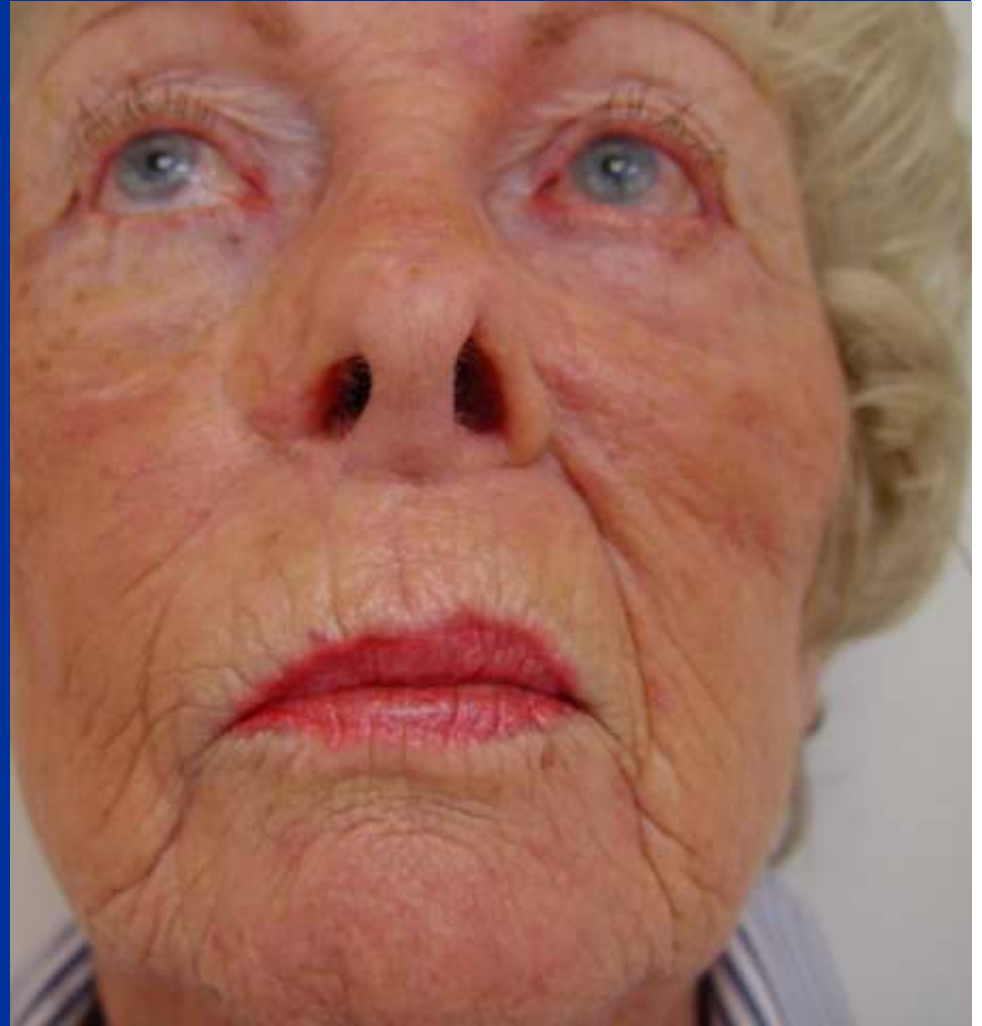
Immediately after Stage II



Immediately after Stage II



Three months later



Three months later

