

PATIENT HISTORY

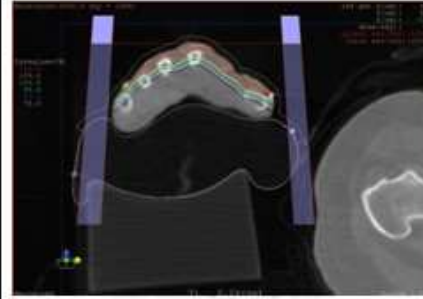
- Patient is a 88 year old male with recurrent squamous cell carcinoma
- Case history of lesions dating back 40+ years
- Two separate surgeries to remove lesions found metastatic disease near underlying tendons
- Due to advanced age & large skin reconstruction area, patient referred to radiation oncology

DOSE PRESCRIPTION

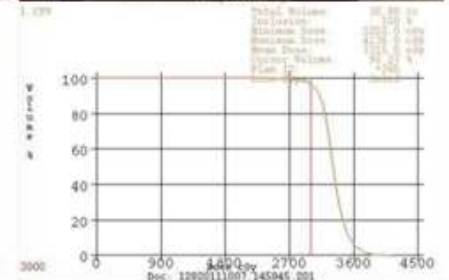
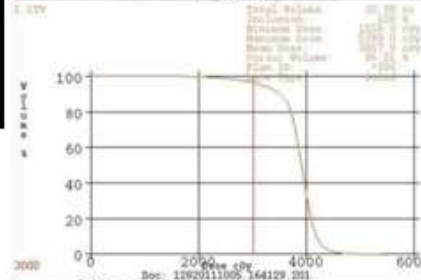
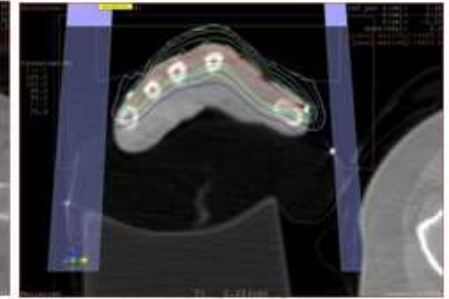
- 3,500 cGy to the dorsal side of the Rt. Hand in 7 fractions, 2 fractions a week.
- Field data: 9 MeV, 110 cm SSD, 15 by 15 cone, 90% isodose line, 680 MU.
- One additional fraction of 500 cGy was delivered to a small lesion, leading to a total dose of 4,000 cGy to that area

DOSE PLANNING

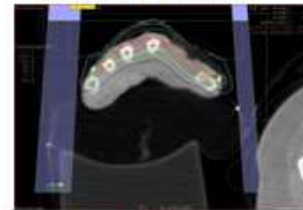
6 MeV w/ 0.5 cm Bolus



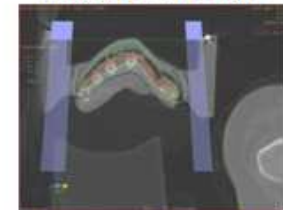
9 MeV w/ ECT Bolus



Virtual ECT Bolus



Actual ECT Bolus



Initial CT Positioning



2nd CT scan



SUMMARY

- Patient is almost 1 year post irradiation with no recurrence of disease
- Patient, at 6 month follow-up, reported no pain or discomfort in the hand with full functionality.

Prior to Treatment



After 1,000 cGy



3 months post treatment

