

Timing of dental extractions prior to adjuvant radiotherapy

Effect on treatment package time

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Dental extractions are often required prior to adjuvant radiotherapy for upper aerodigestive tract cancers

Scheduling dental consultation and procedures while also planning cancer surgery presents a logistical challenge

What is the optimal timing of extractions?

208 patients
UADT/salivary cancer
2014-2016
Surgery + adjuvant RT

103 patients
Extractions between
diagnosis and RT

Mean treatment
time:
96.9 days

44 patients
Extractions
before/during surgery

Mean treatment
time:
95.3 days

Factors predicting
package time

Delay in postop
radiation clinic visit

RT at other
institution

146 had pre-RT
dentistry
evaluation

105 patients
No extractions

Mean treatment
time:
95.7 days

59 patients
Extractions after
surgery

Mean treatment
time:
98.1 days

p=0.62

p=0.40

IOWA