

# A Super Clinic Model for a Restorative Oncology Clinic

Fayjel Shah<sup>1</sup> Sarra Jawad<sup>2</sup> Ashok Vijayakumar<sup>2</sup> Ishpinder Toor<sup>2</sup> Jose Rodriguez<sup>2</sup> Poonam Kalsi<sup>2</sup>

Kalpesh Bavisha<sup>2</sup> Kia Rezavandi<sup>3</sup> Sonam Haria<sup>3</sup> George Paolinellis<sup>3</sup>

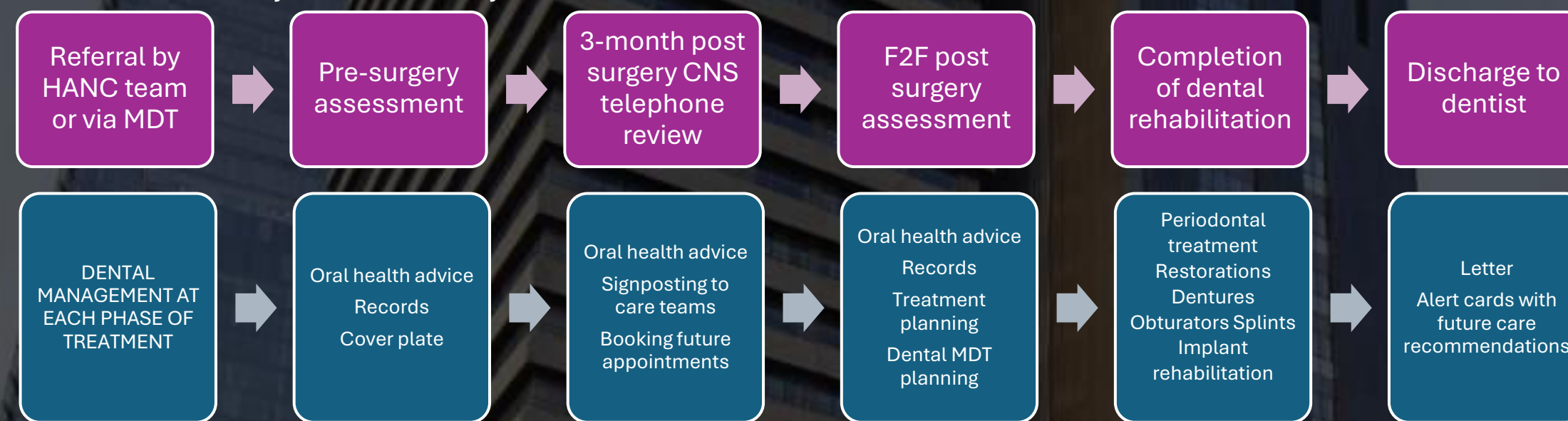
[1] Specialty Registrar Restorative Dentistry [2] Consultant Restorative Dentistry [3] Consultant Oral Surgery / Implants. Guy's and St Thomas' NHS Foundation Trust, Great Maze Pond, SE1 9RT

## Introduction

At a large regional specialist centre, Guy's Hospital London, we now see on average **50** patients weekly using a dental clinical nurse specialist-led model.

With established referral pathways from oncologists, head and neck surgeons and the CNS team for HANC patients requiring restorative dentistry care.

## Restorative Dentistry Patient Pathway



**The Restorative Team;** consultant led, dental clinic nurse specialist led, specialty registrars, dental core trainees, hygiene and therapists, dental nurses, clinical fellows.

**The Wider Team;** oral surgery, special care dentistry, maxillofacial prosthetics, dental laboratories, physiotherapy, speech and language therapy, cancer CNS

## Benefits of the Super Clinic Model

One stop approach

Streamlining patient care

Improved treatment workflow and waiting times

Shared care and MDT collaboration

Consultant led

Educational opportunity

## Evolution of the clinic

With greater patient volume

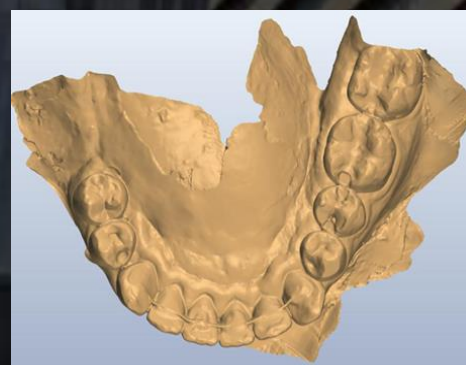
And greater complexity of dental rehabilitation

**Digital advances** are allowing for innovative care pathways

## Glossectomy



Altered anatomy subtotal glossectomy.



Intraoral scan using Dentsply Primescan.

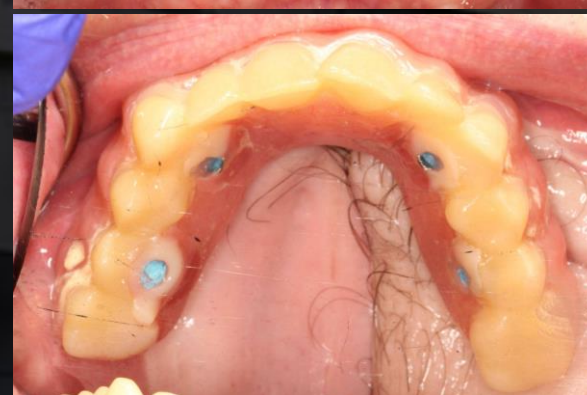


Passive and non compressible scan, comfortable for the patient, overcoming challenges with altered sulcus depth.



Patient reported comfortable prosthesis, and notable improvement to speech.

## Maxillectomy



Straumann RevEx reverse scan bodies placed on the provisional prosthesis.



Left maxillary posterior maxillectomy and radial forearm free flap. Restored with full arch implant bridge on zygomatic and dental implants.



Extraoral scan of provisional prosthesis using Dentsply Primescan to copy for final definitive bridge. Avoiding need for further intraoral conventional impressions.

## Summary of Audit Findings (Jawad 2021)

Standard – **100%** patients to have a dental assessment prior to having surgery or radiotherapy for HANC (BAHNO).

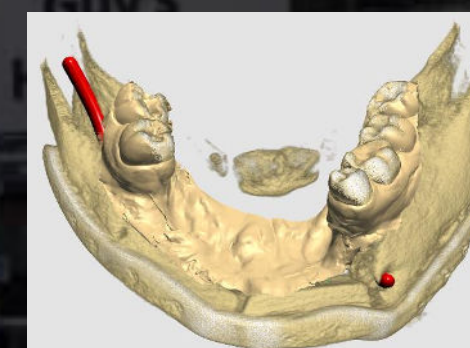
Cycle 1 – **39%** dental assessment prior to surgery. **82%** dental assessment prior to radiotherapy.

Action- Regular attendance to HANC MDT, active recruitment patients from MDT, involvement of staff

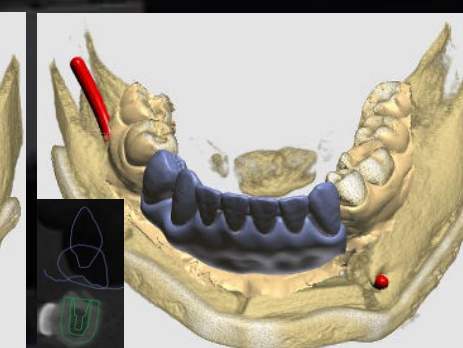
Cycle 2 – **79%** dental assessment prior to surgery. **100%** dental assessment prior to radiotherapy.

Outcome – MDT attendance led to greater number of pretreatment dental assessments, but there is scope for further improvement for surgical patients.

## Mandibulectomy



Altered anatomy following segmental mandibulectomy and fibula free flap.



Scanned wax up overlaid onto CBCT to guide implant planning. 3Shape software used.