About me and the PhD

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This PhD research focuses on exploring and developing novel approaches for constructing a representation of the mouth's internal elements by mapping the 2D/3D view or action of the external elements. Such a correlation-based modelling approach has the potential to present an alternative means of both 3D and 2D articulatory modelling.

Computer Vision Department

Software Engineering Graduate from The University of Bradford

Supervisors – Gleb Yakubov, Andrew French, and Michel Valstar.

Muhammad.Shahid@nottingham.ac.uk

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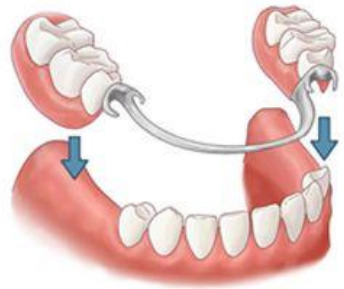
The initial application of such methods are within the dental field:

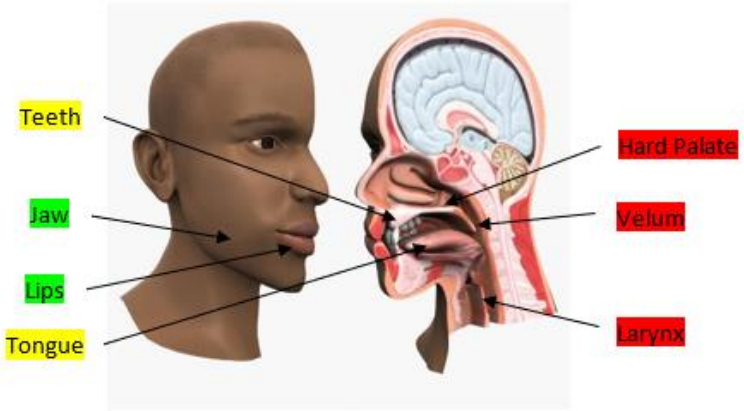
Mitigate side effects created by retainers and adhesives, by taking into account an individuals specific oral structure.

Such an approach requires the ability to model the individuals mouth in a cheaper (compared to MRI) and viable way.



Partial Dentures

Acrylic Partials



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