

REPORT OF HOST INSTITUTE



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Bwrdd Iechyd Prifysgol  
Abertawe Bro Morgannwg  
University Health Board

Dyddiad/Date: 23<sup>rd</sup> January 2012

## ICMR International Fellow Report

**Dr. Saumyendra V. Singh, Assistant Professor,  
Prosthodontics Department,  
Dental Faculty,  
KG Medical University, Lucknow, U.P., India.**

Area of Study :- Maxillofacial and Somato Prosthetics using Digital Technologies

Lecturer :- Peter Li, Evans, Consultant In Maxillofacial Prosthetics

Maxillofacial Prosthetics laboratory, Maxillofacial Unit, Morriston Hospital, Swansea UK

Inclusive dates of Course :- December 3<sup>rd</sup> - January 27<sup>th</sup> 2013

Description of study:-

- 1) The design and construction Implant retained orbital, nasal, auricular and multi site facial prostheses. Including anatomical carving, in various clays and waxes. Mould design and construction. creation of thin pressure edges. Colour matching using pre mixed and base silicone. Extrinsic colouration, sealants and matting techniques and the addition of eyelashes and hair.
- 2) The use of CT scans and 3D planning software to design facial prostheses and implant positioning stents. Understanding the advantages and disadvantages
- 3) The use of computer aided planning for osteotomies and the model surgery and design of splints.
- 4) Understand and see the rapid prototyping techniques such as stereolithography and 3D Printing can be used for the design and manufacture of facial and body prosthetics
- 5) Understand the concept of engineers, technicians and clinicians working together to deliver patient care solutions by the integration of new cutting edge digital technologies into the reconstructive or therapeutic treatments.

Mr Peter Li, Evans MIMPT  
Consultant in Maxillofacial Prosthetics

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Bwrdd Iechyd ABM yw enw gweithredu Bwrdd Iechyd Lleol Prifysgol Abertawe Bro Morgannwg  
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Pencadlys ABM / ABM Headquarters, 1 Talbot Gateway, Port Talbot, SA12 7BR. Ffon / Tel: (01639) 683344

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Certificate of fellowship completion -2

Attested

Saumyendra  
[Dr Saumyendra V. Singh]  
Lucknow

# ABMU Health Board Certificate of Fellowship

*This Certificate Confirms that*

Dr. Saumyendra V. Singh

*Completed his Fellowship at the*

*Maxillofacial Unit, Morriston Hospital in Swansea.*

*December 2012 to January 2013*



**Peter LI. Evans**  
Consultant in Maxillofacial Prosthetics

*Certificate of fellowship completion - 1*

*Attested*

*[Dr Saumyendra V Singh] 27/1/2012*