

## Surgeon's Profile



**Dr. Leow Aik Ming**

### **Qualifications:**

MBBS (MAHE), FRCS (Edin), MS (Plast. Surg) (USM), AM, Fellowship in Craniomaxillofacial Surgery (Germany), Fellowship in Craniofacial Surgery (Taiwan), International PSEF Scholar (USA).

Full Registration Number with Malaysian Medical Council: 33500.

Malaysian National Specialist Registered Plastic Surgeon: 125734.

Current appointments: (1) Resident Consultant Plastic and Reconstructive for Pantai Hospital Ipoh.

(2) Visiting Consultant Plastic and Reconstructive for Pantai Hospital Manjung.

Current Employment address:

(1) Elegant Plastic Surgical Centre,  
Level 3B, Medical Mall, Suite 3-B-08, Pantai Hospital Ipoh,  
31400 Ipoh, Perak, Malaysia.

Tel: 605-5405457/ 605-5405458

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(2) Elegant Plastic Surgical Centre,  
Suite No 107 and 108, First Floor, Pantai Hospital Manjung,  
Jalan PPMP 1, Pusat Perniagaan Manjung Point,  
32040 Seri Manjung, Perak Malaysia.

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### **Short Biography:**

Dr. Leow graduated from Kasturba Medical College, Manipal, India in 1995 with a first class degree in MBBS. Following his housemanship training, he began his general surgery training at several tertiary general hospitals in Kuala Lumpur and Pahang. He obtained his postgraduate surgical qualification from the Royal College of Surgeons of Edinburgh and he was conferred Fellowship by the Royal College of Surgeons of Edinburgh (FRCS) in 2001. Dr. Leow started his plastic surgical training at Kuala Lumpur General Hospital and Hospital Universiti Sains Malaysia. He was one of the pioneer batch of the locally trained plastic surgeons with Masters degree from Hospital Universiti Sains Malaysia, Kubang Kerian, Kelantan. He obtained his Masters in Plastic Surgery in 2005.

Over the next few years, Dr. Leow underwent extensive subspecialized training and obtained fellowships in craniomaxillofacial surgery from Freiburg University (Germany) and craniofacial surgery at Chang Gung University (Taiwan). Dr. Leow is considered as one of the few plastic surgeons in Malaysia who has subspecialized training in craniomaxillofacial/ craniofacial surgery from the best centres in the east and west. In 2009, he was a few selected recipients of the prestigious International PSEF Scholar (USA) award by the American Society of Plastic Surgeons (ASPS) / American Society of Maxillo-facial Surgeons (ASMS) which is the largest plastic surgical specialty organization in the world. This special award enables Dr. Leow to visit some of the best plastic surgical centres in the United States of America to enrich his skills and experiences.

Throughout his career, Dr. Leow has performed reconstructive surgeries for many complex craniofacial deformities resulting from birth, trauma, or tumour. His experiences include micro surgery, cleft and craniofacial surgery, orthognathic surgery, cranioplasty, ear reconstruction and many types of facial aesthetic surgeries (blepharoplasty, rhinoplasty, otoplasty, facelift, forehead lift, facial contouring surgery, etc). Other experiences include body contouring surgery, breast reconstructive surgery, laser surgery and liposuction.

Dr. Leow held several prominent positions within public hospitals and universities before venturing into his own private practice. He was the head of plastic and reconstructive surgery department at Kota Bharu General Hospital, Kelantan. Dr. Leow has been actively involved in the treatment and care of patients born with cleft lip/palate and craniofacial deformities in Kelantan. He was one of the professional members of the combined cleft lip/palate team at Kota Bharu General Hospital, Kelantan. Dr. Leow was also an honorary lecturer for the under-graduate trainees in dental surgery and post-graduate trainees in plastic and reconstructive surgery at Hospital Universiti Sains Malaysia, Kubang Kerian, Kelantan. At present, Dr. Leow is a resident consultant plastic and reconstructive/ cosmetic surgeon at Pantai Hospital Ipoh and visiting consultant plastic and reconstructive/ cosmetic surgeon at Pantai Hospital Manjung.

### **Scholarships/Awards/Grants:**

- 2003 Convatec Research Grant for Dissertation in Master of Surgery in Plastic Surgery, Malaysia.
- 2006 AO Scholarship for AO Craniomaxillofacial Fellowship in Freiburg, Germany.
- 2007 Ethicon Travel Grant for Craniofacial Fellowship in Chang Gung Craniofacial Center, Taiwan.
- 2009 Excellence Service award for 2008, Hospital Raja Perempuan Zainab II, from the Ministry of Health, Kelantan.

## **Professional Fellowship/Membership:**

- Fellow Royal of College of Surgeons (FRCS) of Edinburgh
- Academy of Medicine of Malaysia
- AO Craniomaxillofacial Fellowship (Freiburg University, Germany) & AO Alumni Association
- International Craniofacial Fellowship, Chang Gung Craniofacial Center, Taiwan
- International Plastic Surgery Education Foundation (PSEF) Scholar (USA)
- Malaysian Society of Plastic and Reconstructive Surgery
- Active member for International Society of Aesthetic Plastic Surgery

## **Special Interest:**

1. Craniofacial Surgery/Facial Aesthetic Surgery
2. Cosmetic Surgery

## **Publications and Research:**

### **Publications:**

#### **Scientific Journals:**

- Mohd Faizal Ali, Shukor Md Noh, **Aik-Ming Leow**. An audit of the admissions in the burn care unit. : published in The Kuala Lumpur Hospital Journal of Quality Improvement 2001, Vol 5, No 2:15-27.
- **A.M. Leow**, A.S. Halim, A.R. Samsudin. The role of free tissue transfer following extirpation of malignant tumors of head and neck : the H.U.S.M experience. The Medical Journal of Malaysia, Vol 58:105,Supplement E, Sept 2003.
- **A.M. Leow**, A.S. Halim, Z Wan. Reconstructive treatment following resection of high-grade soft tissue sarcomas of the lower limb. Journal of Orthopaedic Surgery, 2005; 13:58-63.

- **A.M. Leow**, A.S. Halim. Reconstruction of composite anterior mandibular defect with combined use of pedicled submental and free fibula osteoseptocutaneous flaps for recurrent tumour extirpation : a case report. Pakistan Journal of Otolaryngorhinology, Head and Neck Surgery, 2007;23:49-51.
- **A.M. Leow**, L.J. Lo. Palatoplasty: Evolution and Controversies. Chang Gung Medical Journal, 2008;31:335-345.
- **A.M. Leow**, A.S. Halim, A.R. Samsudin. Role of free tissue transfer following extirpation of advanced head and neck tumours. Pakistan Journal of Otolaryngorhinology, Head and Neck Surgery, 2008;24:31-35.
- P.J. Voss, **A.M Leow**, D Schulze, M.C. Metzger, N Liebehenschel, Schmelzeisen R. Navigation guided resection with immediate functional reconstruction for high-malignant parotid tumour at skull base. International Journal of Oral and Maxillofacial Surgery, 2009;38(8):886-890.
- Yu DY, Chen CH, Tsay PK, **Leow AM**, Pan CH, Chen CT. Surgical Timing and Fracture Type on the Outcome of Diplopia After Orbital Fracture Repair. Ann Plast Surg. 2016 Mar;76 Suppl 1:S91-5.
- Hsin-Hung Chen, Chun-Hao Pan, **Aik-Ming Leow**, Pei-Kwei Tsay, Chien-Tzung Chen. Evolving concepts in the management of orbital fractures with enophthalmos: A retrospective comparative analysis. Formosan Journal of Surgery Volume 49, Issue 1, February 2016, Pages 1-8.

#### **Books:**

- Ahmad Sukari Halim, **Aik-Ming Leow**, Aravazhi Ananda Dorai, Wan Azman Wan Sulaiman. Radiation in Tissue Banking: Basic Science and Clinical Applications of Irradiated Tissue Allografts. Chapter 26: Clinical Applications of Irradiated Amnion Grafts: Use of Amnion in Plastic Surgery. p 365-379.

### **Research projects:**

- **Authors:** Leow AM, Chen K.T, Chen YR. **Title:** Variant Type of Midline Nevus Flammeus in Cleft Patients: Is It a Physiological or Pathological Sign?
- **Authors:** Leow AM, Chen CT, Tsay PK, Huang CH, Lin CH, Chen YR. **Title:** A Comparative Study of Different Surgical Timing and Fracture Types on the Outcome of Diplopia After Orbital Fracture Repair.
- **Authors:** Leow AM, Chen CT, Tsay PK, Huang CH, Lin CH, Chen YR. **Title:** Evolving Concepts in The Management of Orbital Fractures With Posttraumatic Enophthalmos and The Outcome.
- **Authors:** Leow AM, Yu CC, Chen YR. **Title:** The Study of Nasal Profile Changes in Orientals After Orthognathic Surgery.
- **Authors:** Leow AM, Chen ZC, Chen KT, Lo LJ, Chen YR, Nagata S. **Title:** Management of Low Hairline for Microtia in Total Auricle Reconstruction.
- **Authors:** AS Halim, WA Sulaiman, AM Leow, MR Abdullah, NS Zakaria. **Title:** The clinical epidemiology study of orofacial clefts in Kelantan and Terengganu during the period of 1997 to 2008.

### **Free Paper Presentations:**

- **A.M Leow**, A.S Halim, Zulmi Wan. Reconstructive treatment following resection of lower limb high-grade soft tissue sarcomas. – 8<sup>th</sup> National Conference on Medical Sciences, on 09.05.03 at the Health Campus, Universiti Sains Malaysia, Kota Bharu, Kelantan, Malaysia.
- **A.M. Leow**, A.S. Halim, A.R. Samsudin. The role of free tissue transfer following extirpation of malignant tumors of head and neck : the H.U.S.M experience. – 37<sup>th</sup> Malaysia-Singapore Congress of Medicine, on 06.09.03 at Istana Hotel, Kuala Lumpur, Malaysia.
- **A.M Leow**, A.S Halim. Evaluation of dento-alveolar arch and palatal changes following primary lip repair. – First Thai International Congress on Inter-disciplinary Care for Cleft Lip & Palate 2003, on 03.12.03 at Sofitel Hotel, Khon Kaen, Thailand.

- **A.M Leow** .Free tissue transfer in limb salvage surgery – 12<sup>th</sup> ASEAN Congress of Plastic Surgery, Manila, Philippines, on 03.02.04 at EDSA Shangri-La Hotel, Manila, Phillipines.
- **A.M Leow**, A.S Halim. Pedicle Extension In Free Fibula Flap: A prospective anatomical Study and its role in reconstructive surgery. – 13<sup>th</sup> ASEAN Congress of Plastic Surgery and the 5<sup>th</sup> Congress of the ISSiS, on 18.10.06 at Sheraton Chiang Mai Hotel, Thailand.
- **A.M Leow**, A.S Halim. A comparative study of the dried human amnion with hydrocolloid dressing in the treatment of split thickness skin graft donor sites. – 13<sup>th</sup> ASEAN Congress of Plastic Surgery and the 5<sup>th</sup> Congress of the ISSiS, on 18.10.06 at Sheraton Chiang Mai Hotel, Thailand.
- **A.M Leow**, P.K Tsay, C.T Chen, C.H Huang,Y.R Chen. Evolving concept in the management of orbital fractures with post-traumatic enophthalmos and the outcome. – 7<sup>th</sup> Asian Pacific Craniofacial Association Conference, on 06.10.08 at Grand Hotel, Taipei, Taiwan.
- **A.M Leow**. Nagata’s Technique for Auricular Reconstruction in Microtia. 1<sup>st</sup> Malaysian Ear Reconstruction. Seminar & BAHA Workshop, 16-17 March '09, PPUM, Kuala Lumpur, Malaysia.
- **A.M Leow**. Primary Nasal Repair in Cleft Patients-How I Do It. Malaysian Society of Plastic and Reconstructive Surgery, 2<sup>nd</sup> Annual Scientific Meeting, 25<sup>th</sup> - 26<sup>th</sup> May 2013, Avillon Resort, Port Dickson, Malaysia.
- **A.M Leow**. Secondary Rhinoplasty in Cleft Patients. Malaysian Society of Plastic and Reconstructive Surgery, 2<sup>nd</sup> Annual Scientific Meeting, 25<sup>th</sup> - 26<sup>th</sup> May 2013, Avillon Resort, Port Dickson, Malaysia.
- **A.M Leow**. Versatility of Augmentation Rhinoplasty with Costal Cartilage in Asian Patients. 3<sup>rd</sup> ASM MSPRS, 28<sup>th</sup> -29<sup>th</sup> November 2015, Everlyn Hotel, Putra Jaya, Malaysia.

#### **Poster Presentations:**

- **A.M Leow**, Philip K.T Chen, Y.R Chen. Variant type of midline nevus flammeus in cleft patients: Is it a physiological or pathological sign? – 7<sup>th</sup> Asian Pacific Craniofacial Association Conference, on 05.10.08- 08.10.08 at Grand Hotel, Taipei, Taiwan.

### Research / Dissertation:

- **A Comparative Study of the Dried Human Amnion with Hydrocolloid Dressing in the Treatment of Split Thickness Skin Graft Donor Sites.** – as a dissertation for Master of Surgery ( Plastic Surgery ) 2005.

### Magazines/Newspapers:

- **“Kesempurnaan wajah lambang personality individu”** – Majalah MIDI, Bil 64, 1 Mei 2009, p32-33.
- **“Facial Enhancement Through Facial Contouring Surgery”** – Sin Chew Newspaper (Chinese), (Health Section), 01.04.2010.
- **“The Beauty of Fat Grafting in Facial Rejuvenation”** – Sin Chew Newspaper (Chinese), (Health Section), 04.08.2011.
- **“Plastic Surgery in Males”** – Esquire Magazine, pg:102-106, September 2011. (Link: [http://www.andrewkhoo.com/wp-content/uploads/2014/05/FEATURE\\_Male\\_Plastic\\_Surgery.pdf](http://www.andrewkhoo.com/wp-content/uploads/2014/05/FEATURE_Male_Plastic_Surgery.pdf)).
- **“Facial Contouring (Facial Sculpting) Surgery for Asians”** – Looking Your Best, Ipoh Echo, pg 8, June 16-30, 2017. (Link: <https://www.ipohecho.com.my/v4/article/2017/06/16/facial-contouring-facial-sculpting-surgery-for-asians>).
- **“Double Eyelid Surgery (Asian Blepharoplasty)”** – Looking Your Best, Ipoh Echo, pg 8, July 16-31, 2017. (Link: <https://www.ipohecho.com.my/v4/article/2017/07/16/double-eyelid-surgery-asian-blepharoplasty>).
- **“Eyelift Surgery (Blepharoplasty)”** – Looking Your Best, Ipoh Echo, pg 8, August 16-31, 2017. (Link: <https://www.ipohecho.com.my/v4/article/2017/08/16/eye-lift-surgery-blepharoplasty>).
- **“Browlift”** – Looking Your Best, Ipoh Echo, pg 8, September 1-15, 2017. (Link: <https://www.ipohecho.com.my/v4/article/2017/09/16/brow-lift>).
- **“Midface Lift (Cheek Lift)”** – Looking Your Best, Ipoh Echo, pg 8, October 16-31, 2017. (Link: <https://www.ipohecho.com.my/v4/article/2017/10/16/midface-lift-cheek-lift>).



- **“Facelift (Rhytidectomy)”** – Looking Your Best, Ipoh Echo, pg 8, November 16-30,2017.  
(Link:<https://www.ipöhecho.com.my/v4/article/2017/11/16/facelift-rhytidectomy>).
- **“Double Eyelid Surgery (Asian Blepharoplasty)”** – Looking Your Best, Ipoh Echo, pg 8, July 16-31, 2017.  
(Link: <https://www.ipöhecho.com.my/v4/article/2017/07/16/double-eyelid-surgery-asian-blepharoplasty>).
- **“Eyelift Surgery (Blepharoplasty)”** – Looking Your Best, Ipoh Echo, pg 8, August 16-31, 2017.  
(Link: <https://www.ipöhecho.com.my/v4/article/2017/08/16/eye-lift-surgery-blepharoplasty>).
- **“Browlift”** – Looking Your Best, Ipoh Echo, pg 8, September 1-15, 2017.  
(Link: <https://www.ipöhecho.com.my/v4/article/2017/09/16/brow-lift>).
- **“Midface Lift (Cheek Lift)”** – Looking Your Best, Ipoh Echo, pg 8, October 16-31, 2017.  
(Link: <https://www.ipöhecho.com.my/v4/article/2017/10/16/midface-lift-cheek-lift>).
- **“Facelift (Rhytidectomy)”** – Looking Your Best, Ipoh Echo, pg 8, November 1-15,2017.  
(Link:<https://www.ipöhecho.com.my/v4/article/2017/12/1/rhytidectomy>).
- **“Neck Lift”** – Looking Your Best, Ipoh Echo, pg 8, December 16-30,2017.  
(Link:<https://www.ipöhecho.com.my/v4/article/2017/12/16/neck-lift>).
- **“Fat Grafting (Lipofilling)”**– Looking Your Best, Ipoh Echo, pg 8, January 16-31,2018.  
(Link:<https://www.ipöhecho.com.my/v4/article/2018/01/16/fat-grafting-lipofilling>).
- **“Forehead Contouring Surgery (Feminization Surgery)”**– Looking Your Best, Ipoh Echo, pg 8, February 16-28, 2018.  
(<https://www.ipöhecho.com.my/v4/article/2018/02/16/forehead-contouring-surgery-feminization-surgery>).
- **“Cheekbone Reduction Surgery (Zygoma Reduction Surgery)”**– Looking Your Best, Ipoh Echo, pg 8, March 16-31, 2018.  
(<https://www.ipöhecho.com.my/v4/article/2018/03/16/cheekbone-reduction-surgery-zygoma-reduction-surgery>).

- **“Malar Augmentation”**– Looking Your Best, Ipoh Echo, pg 8, April 16-30, 2018.  
(<https://www.ipohecho.com.my/v4/article/2018/04/16/malar-augmentation>).

**(Updated on 20<sup>th</sup> April 2018)**