

Joint Venture of Medical Universities

**Lessons learned from
the plastic surgery
training program of
the Universitas
Sumatera Utara (USU)
Medan
and
Erasmus University
Medical Centre
Rotterdam**

Universitas Sumatera Utara, Medan Sumatra
Erasmus Medical Centre, Rotterdam Holland

Plastic Surgical Training Program



Why should you start a plastic surgical training program in Sumatra any way?

Well eh.....

Sumatra has 48 million inhabitants

With a birth rate of 18.2 per 1000 and an incidence of cleft lip/palate of 1:600 this counts for 1245 new cases each year

There are at this very moment 12 plastic surgeons active in Sumatra



We calculated that there are still 30.000 people with clefts awaiting treatment in Sumatra alone

This man waited 63 years (No moneyNo access)



Just another reason to start a plastic surgical training

2. There are 15.000 new cases of Intra oral carcinoma in Indonesia, and only 100 plastic surgeons

- The preferred treatment is combined radiotherapy, oncological resection of the tumor and reconstruction.



And yet another reason

4. Motorbike accidents account for 80% of all maxillo-facial trauma and is a fast growing health expenditure in Indonesia

- treatment is often delayed due to lack of capacity and available know how
- an increasing number of patients have severe soft tissue and peripheral nerve injury
- there are only 8 plastic surgeons in Medan



Flame burns account for 40% off all plastic surgical trauma cases



- Due to malpractice of kerosene sellers who are mixing petrol and kerosene, flame burns are frequent, affecting mainly women and children
- In Medan alone plastic surgeons are confronted with 10 to 20 cases of severe burns up to 60% every month
- The biggest teaching hospital has a burn's unit of 2 beds

Operated by dutch and indonesian plastic surgeons



In a 4 weeks journey in 2011 we covered most of the participating institutions



- Ministry of Health
- Ministry of Education
- Medical and Dental Board
- Chairman of the Perapi
- Chairman of the Concilium
- Rectors of USU
- Deans of USU
- Deans of UI

Progress of the program

- 2009 MOU between USU, Harapan Jaya Rehabilitation Center and Erasmus MC.
- 2010 feasibility study by dr Jan E Sluimers.
- 2011 MOA between all parties involved
- 2011 Official meeting between the Dean of USU and the Dean of Indonesia University. and signing of MOA
- Rector of USU signed official letter to open Plastic surgical training.
- Renewed request by the rector to the KKI

planned visitation by Indonesia Medical Council and Plastic Surgery Collegium. Letter to this effect received by the ministry of education on 24 th april 2013

Definite letter of agreement to open the program study under the guidance of the UI on the first of january 2014

“Start” of the plastic surgical training





“Start” of the training program on January 1st 2014

- 6 year training program, 2 years general surgery and 4 years plastic surgery.
- Module structure of the curriculum.
- Acceptance of 4 resident per year.
- 3-4 times a year guest lectures for 2-4 week depend on the module topics.
- Yearly examination on knowledge and skills progress.

Teachers involved in transfer of knowledge

- | | |
|--|--------------------------|
| • Prof S.E.R Hovius | EMC |
| • Dr L.A van Adrichem | EMC |
| • Dr J.J.N.M van der Meulen | EMC |
| • Dr E.T Wahlbeem | EMC |
| • Dr H.C Klepetko | EMC |
| • Dr C.A Nieuwenhoven | EMC |
| • Prof Dr H Winters | VU MC |
| • Prof Dr C.A van der Horst | AMC |
| • Dr M Kreulen | AMC |
| • Prof P van Zuylen | Red Cross Hosp Beverwijk |
| • Drs J.E Sluimers program coordinator | EMC |

DEGLOVING INJURY

TRAINING PROGRAM PLASTIC SURGICAL RESIDENTS
UNIVERSITAS SUMATERA UTARA



Future plans

- Establishing E Library between Erasmus MC and USU.
- Satellite rotation of plastic surgical residents at Harapan Jaya Rehabilitation Center and Harapan Hospital.
- Skills laboratory at USU University hospital.
- Funding of **Travel Expenses** for medical professionals

Now back to reality

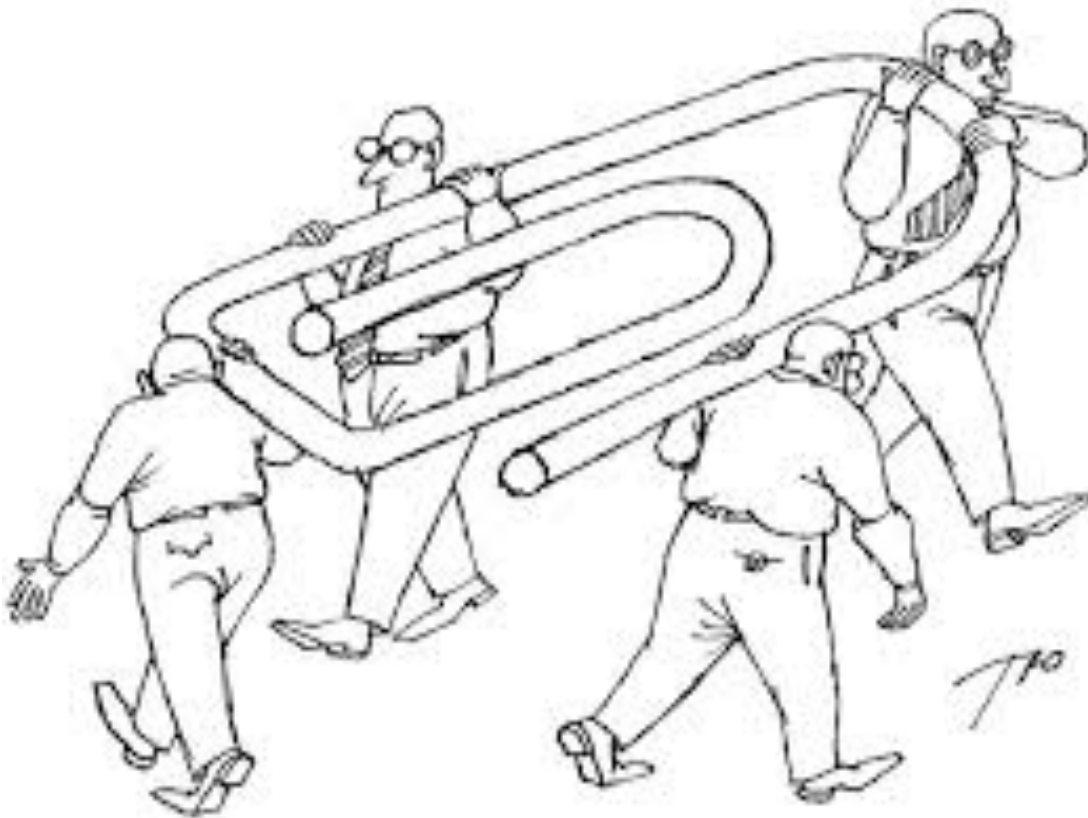


- There are still no residents in training
- The USU university hospital was finished in 2010 but due to lack of funds has not opened yet
- There are no funds to facilitate the traveling of teachers from abroad
- The coordinator for education in plastic surgery is blocking the training at USU for reasons unknown to us

There should be a general
feeling of urgency



1 Before you kick off on a journey like this the direction in which we move should be clear to all participants



- The stake holders in this were:
- Medical and dental board of Indonesia
- Ministry of education
- Concilium plastico chirurgicum of Indonesia
- Rector and Dean of USU
- Rector and Dean of UI
- Educational board of EMC
- Plastic surgical department of USU
- Plastic surgical department of EMC
- Harapan Jaya rehabilitation center

2 Be sure that the counterparts are qualified teachers



"Heads, you failed to learn. Tails, I failed to teach."

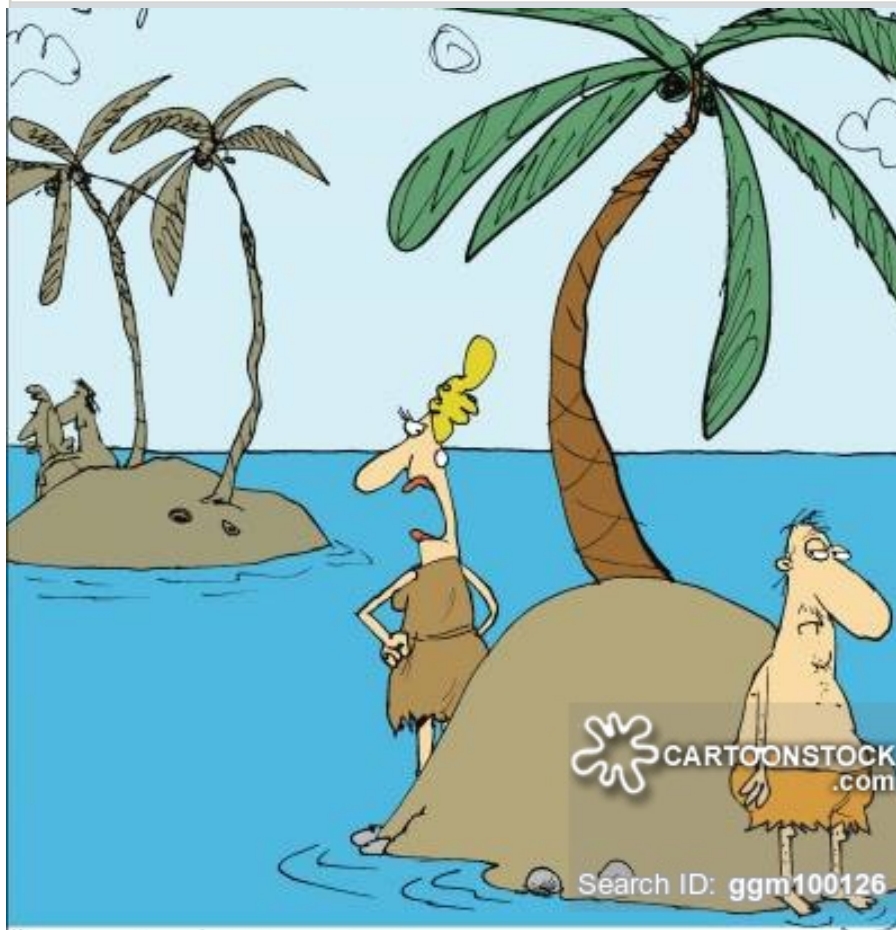
- During the negotiations we became aware that only 2 out of 6 possible teachers were qualified to train plastic surgical residents

3 Residents don't get a salary but have to pay a heavy tuition fee



- This results in an income based selection and not in an recruitment based on skills , knowledge, dedication and interest

There is a certain sense of rivalry between the two isles Java and Sumatra



"THE GAWLAKS HAVE TWO PALM TREES!"

- During our efforts there was an outspoken sense of rivalry between Jakarta and Medan.
- In our view this was clouding the view of the decision makers
- Although there is a free and frequent exchange of plastic surgical residents the general attitude towards Medan is one of reservedness

The road to succes



- After 5 years of patience ,hard work and perseverance against all odds
- I don't know the road to success but I sure as hell know the road to failure.....
- try to please everybody
- Thank you for your attention



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