

Report of the Malaysian Orthopaedic Association Visit to Bangladesh as part of the Humanitarian Fund Project

Duration: 20 to 23 April 2014

Venue: Dhaka Community Hospital (DCH)

Participants: 1. Prof Sharaf Ibrahim – Consultant Paediatric Orthopaedic Surgeon
 2. Assoc Prof Shalimar Abdullah – Consultant Hand and Microsurgeon
 3. Dr Ferdhany Muhammad Effendi – Consultant Orthopaedic Surgeon
 4. Dr Mohd Ikraam Ibrahim – Consultant Orthopaedic Surgeon

20 April 2014

We arrived at about 1pm from KLIA and was picked up by DCH staff. We were brought to the the hospital where Prof Quazzi Qamaruzzaman and Prof Mahmuder warmly greeted us. DCH is a private, charity hospital with an adjoining nursing college and teaching institution. We lunched together at the hospital canteen. We were then showed to our apartment near the hospital. We managed to have a quick tour of the Nawab palace (Ahsan Manzil). Prof Quazi took us out for a welcome dinner.



Fig 1. Front entrance to Dhaka Community Hospital

21 April 2014

Our programme is listed as below. It was a full day of lectures. The audience numbering about 50 people comprised of a mixture of medical students, nursing students, physicians, general surgical trainees, orthopaedic trainees and orthopaedic surgeons. The questions and answers sessions after each topic was very lively with many discussions and comparisons between practice in Dhaka and Kuala Lumpur. Their Dept of Orthopaedics comprises of Prof FH Serajee, Dr Monirul Alam and Dr Najmus Sakib.



Fig 2 – Prof Sharaf as panelist during the lectures



Fig 3. Orthopaedic ward where we conducted a ward round discussing difficult cases



Fig 4. Radiograph of 30 year old farmer with right hip pain demonstrating destruction of right femoral head

We then visited the wards and physiotherapy departments. We had case discussions on difficult cases in the ward.



Fig 5. Visiting the Physiotherapy Department

Assoc Prof Shalimar Abdullah and Dr Ikraam Ibrahim assisted Dr Monirul Alam in a surgical hand case from 5pm to 8pm. It was a 1 year old wrist laceration where the patient had the operation done at a different hospital and presented with severe loss of ulnar and median nerve function. The wound was explored and a median nerve neuroma was noted together with loss of bellies of FDP. The patient requested for better finger flexion so we proceeded to weave the proximal FDS bellies to the distal FDP remnants. Dr Monirul Alam then proceeded to excise the median nerve neuroma and replaced it with

the now use-less ulnar nerve. This was quite an interesting concept. The other option would have been excision of both median and ulnar nerve neuromas and replacement with sural nerve grafts. The operation was done under Bier's block as anaesthetic gas was expensive for the patient.



Fig 6. Dr Shalimar and Dr Ikraam assisting Dr Monirul Alam in a Hand case

22 April 2014

The following day was another full day of talks. The initial request was for an Arthroplasty Workshop hence the topics were fully geared towards Arthroplasty. However since the audience was not too specialized we lowered the difficulty of our talks. The audience enjoyed very much the POP workshop of clubfoot casting and requested to obtain the clubfoot models.

DCH gave us a farewell dinner at a nearby Chinese restaurant.

23 April 2014

We departed at 9am for Dhaka airport before boarding our 12noon flight to KLIA. We found the trip enjoyable with truly welcoming hosts. We definitely felt that a bond has been formed between us and Dhaka Community Hospital. We are truly impressed that a non-profit hospital is able to provide such good charitable service to the poor community of Dhaka. We would not hesitate to organize this trip again knowing now the audience and expectations.

Comments

Areas of Further Collaboration

1. Teaching of medical students

2. Teaching of nursing students
3. Teaching of the physiotherapy unit
4. Attachment of a Orthopaedic trainee with Msian universities for a 4 year Masters programme
5. Orthopaedic subspecialities – Sports, Spine, Arthroplasty, Hand and Micro
6. Record keeping of files

Facilities lacking for subspecialities

1. Sports – No equipment available except for a monitor used by general surgeons for laparoscopic surgery
2. Arthroplasty – Laminar air flow, large autoclave machine for sets
3. General Orthopaedic – Tourniquet (current usage with BP cuffs)

| Time | Particulars | Facilitator/Responsible Person |
|--|---|----------------------------------|
| 21 April 2014 Monday (Day – 1) | | |
| 09:00am to 09:10am | Welcome Address & Introduction | Prof. Abdul Wadud Khan |
| 09:10am to 09:20am | Overview of Orthopedics Department | Prof. F H Serajee |
| 09:20am to 09:30am | Speech by Special Guest | |
| 09.30 am to 09.50am | Damage Control Orthopedics | Dr. Ferdhany Muhamad Effendi |
| 09:50am to 10:10am | Flexor tendon injuries | Assoc Prof Shalimar Abdullah |
| 10:10am to 10:30am | Clubfoot | Prof Sharaf Ibrahim |
| 10:30am to 11.00am | Tea Break | Mr. Alam |
| 11.00am to 11:30am | Clinical Anatomy and Surgical Approach in TKR/THR | Mohd Ikraam Ibrahim |
| 11:30am to 12.00pm | Patient Selection and Evaluation in Arthroplasty | Mohd Ikraam Ibrahim |
| 12.00pm to 12:30pm | Initial management of pelvic fractures | Dr. Ferdhany Muhamad Effendi |
| 12:30pm to 01:00pm | Spine Surgery an Overview | Dr. Najmus Sakib |
| 01:00pm to 02:00pm | Lunch Break | |
| 02:00pm to 04:00pm | Visit to OT and Clinics | Prof. F H Siraji/Dr. Omar Sharif |
| 22 April 2014 Tuesday (Day – 2) | | |
| 09:00am to 09.20am | Biomechanics of Arthroplasty | Dr. Ferdhany Muhamad Effendi |
| 09:20am to 09.40am | Implant Selection in TKR and THR | Mohd Ikraam Ibrahim |

| Time | Particulars | Facilitator/Responsible Person |
|--------------------|--|---------------------------------------|
| 09:40am to 10.00am | Complications in TKR/THR | Mohd Ikraam Ibrahim |
| 10.00am to 10.20am | Mgmt options in young OA patients | Mohd Ikraam Ibrahim |
| 10.20am to 10.30am | Questions | |
| 10:30am to 11:45am | Tea Break | Mr. Alam |
| 10:45am to 11:00am | New Fixation Techniques for Distal Radius Fractures | Assoc Prof Shalimar Abdullah |
| 11.00am to 11:15am | Guided growth for correction of knee deformities in children | Prof Sharaf Ibrahim |
| 11:15am to 12:15pm | POP workshop – Clubfoot casting using Ponsetti technique | Prof Sharaf Ibrahim |
| 12:30am to 02.00pm | Lunch | |
| 02.00pm to 04:00pm | Case Discussions | |
| 04:00pm | End | |