Orthopaedic Nursing in Malaysia

Where We Are Now and Where We Are Heading
MALAYSIA
MALAYSIA: STATISTIC

POPULATION: 31,133, 772

<table>
<thead>
<tr>
<th>Ethnic Group</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malay</td>
<td>50.4%</td>
</tr>
<tr>
<td>Chinese</td>
<td>23.7%</td>
</tr>
<tr>
<td>Indian</td>
<td>7.1%</td>
</tr>
<tr>
<td>Indigenous</td>
<td>11%</td>
</tr>
<tr>
<td>Others</td>
<td>7.8%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age Structure</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-15 years</td>
<td>29.6%</td>
</tr>
<tr>
<td>15 -64 years</td>
<td>65.4%</td>
</tr>
<tr>
<td>Above 65 years</td>
<td>5%</td>
</tr>
</tbody>
</table>
Healthcare System in Malaysia

- Public Healthcare Sector
  - Rural Health Service
  - Tertiary Healthcare Services
- Private Healthcare Sector
Nursing in Malaysia
## Nursing in Malaysia

<table>
<thead>
<tr>
<th>Nurse</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Nurses in Malaysia under MOH</td>
<td>62,367</td>
</tr>
<tr>
<td>Total Nurses in Private Sector</td>
<td>28,333</td>
</tr>
<tr>
<td>Total of nurses with Post Basic Orthopaedic (MOH)</td>
<td>2,080 (5 – MOH, Nursing college)</td>
</tr>
</tbody>
</table>
Orthopaedic Nursing in Malaysia - Now

Nursing Education

Nursing education system follows 60% theory and 40% practical.

*(Nursing Division, 2012)*

College of Nursing (MOH)

Diploma in Nursing : 3 years

Post Basic Orthopaedic: 6 month
Orthopaedic Nursing in Malaysia - Now

- Newly qualified nurses go through a period of mentoring.

- Moving towards specialization.
  - Post basics and tertiary education.
Service

- Hospital Nursing Unit provides clinical, managerial and education resources for the provision of excellence in nursing care.

- Nurses in the clinical area are expected to comply and perform task based on standard operating procedures (SOP).
Orthopaedic Nursing in Malaysia - Now

Service

- Credentialing and Privileging at Hospital level (Ortho)
Orthopaedic Nursing in Malaysia - Now

Service

At the clinical area, nurses are supervise by the Nurse Manager (Sister) And the Matron.

Matrons are given a great deal of administration responsibilities which minimize the time in the clinical area.
Orthopaedic Nursing in Malaysia - Now

Service

Continuous Professional Development/Training

- courses, seminars, workshop and CNE
- every nurse to attend minimum of 7 days courses and CNE per year required by MOH.
Orthopaedic Nursing in Malaysia - Now

Service

- National Nursing Auditors - Nursing audit is done twice a year.
- Research
  
  Fostering the culture of Evidence Based Practice.
  
  Ability understand it, implement it and evaluate it.
  
Time factor
<table>
<thead>
<tr>
<th>ADMISSION</th>
<th>985 PATIENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEATH</td>
<td>5 PATIENT</td>
</tr>
<tr>
<td>AVERAGE AGE GROUP ADMITTED</td>
<td>41-50 YEARS</td>
</tr>
<tr>
<td>BOR</td>
<td>55.20 %</td>
</tr>
<tr>
<td>LOS</td>
<td>3 DAY</td>
</tr>
<tr>
<td>DIAGNOSIS</td>
<td>TOTAL CASE FRACTURE : 396 CASES</td>
</tr>
<tr>
<td></td>
<td>FRACTURE FEMUR: 147 CASES</td>
</tr>
<tr>
<td></td>
<td>SPINE : 137 CASES</td>
</tr>
<tr>
<td></td>
<td>DFU : 189 CASES</td>
</tr>
<tr>
<td>CAUSES OF INJURY</td>
<td>FALL : 205 CASES</td>
</tr>
</tbody>
</table>

Orthopaedic Department, Hospital Sungai Buloh (2014)
<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMISSION</td>
<td>2066 PATIENTS</td>
</tr>
<tr>
<td>DEATH</td>
<td>4 PATIENT</td>
</tr>
<tr>
<td>AVERAGE AGE GROUP ADMITTED</td>
<td>18 - 25 YEARS</td>
</tr>
<tr>
<td>BOR</td>
<td>87 %</td>
</tr>
<tr>
<td>LOS</td>
<td>5 DAY</td>
</tr>
<tr>
<td>DIAGNOSIS</td>
<td>TOTAL CASE FRACTURE :1444 CASES</td>
</tr>
<tr>
<td></td>
<td>CLOSED FRACTURE FEMUR: 223 CASES</td>
</tr>
<tr>
<td></td>
<td>SPINE : 219 CASES (trauma 123 cases,</td>
</tr>
<tr>
<td></td>
<td>Degenerative: 96 cases)</td>
</tr>
<tr>
<td></td>
<td>Wound Management: 792 CASES (Laceration</td>
</tr>
<tr>
<td></td>
<td>wound, 189 cases)</td>
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SUMMARY REPORT 2014 (MALE WARD)

Orthopaedic Department, Hospital Sungai Buloh (2014)
Orthopaedic Nursing
In Malaysia
Where are we heading
Mission

• Nurses that are knowledgeable and understands the basic sciences and the principles of Orthopaedic management.

• Nurses with specific skills in the management of the Orthopaedic clients following Standard Operating Procedure (SOP).

• Nurses that able to develop an appreciation and understanding of the importance of rehabilitation in the management of the Orthopaedic clients.

• Nurses that are able to apply knowledge of human relation and communication skills in his/her work.
Mission

- Nurses that able to demonstrate administration and leadership skills with other member of health team and community.

- Nurses that able to initiate Research and Development (R&D) activities related to Orthopaedic and current diseases.

- Nurses that participate effectively as member of health team in delivery of preventive Orthopaedic services and adopting lifelong learning process.
Orthopaedic Nursing In Malaysia
Where are we heading

Nursing Education

- The prospect on Orthopaedic Nursing will be growing based on the requirements of MOH.

- Post Basic Certification Program - plans to convert the programme at Advanced Diploma Level.

- Looking into areas of sub specialization - working with clinicians, academicians and the service providers to look into continuously improving the quality of education.

**AIM:** Highlight the distinctive specialist orthopaedic components.
Orthopaedic Nursing In Malaysia
Where are we heading

Nursing Service

- Nurses that entering Ortho specialty should be appropriately trained.
- On going competency assessment and continuous nursing education by Ortho Nurse Educator (Knowledge, skill, experience).

…the orthopaedic nursing role is composed of six categories: partner, guide, comfort enhancer, mediator, risk manager and technician.

(Santy, J., 2001)
Orthopaedic Nursing In Malaysia
Where are we heading

Nursing Service

- Clinical Nurse Specialist (Knowledge, skill, experience).
- Nurse Practitioner (Knowledge, skill, experience).
- Nurse Consultant (Knowledge, skill, experience).

*Defining the specialist role to demonstrate the value of specialist skills.

- Nurse Led Service
Orthopaedic Nursing In Malaysia
Where are we heading

Nursing Service

- Orthopaedic nursing includes rehabilitation.
Conclusion

Orthopaedic Nursing Practice is expanding worldwide. It is our latest mission to close the gap by building the capacity of nurses and leaders with clinical specialisation in Orthopaedic Nursing.

And

Education will be the instrument in ensuring the success of our mission.

We believe, as the body of knowledge for orthopaedic practice develops, our nurses will be able to provide more effective and quality care.
THANK YOU

Orthopaedic Department, Hospital Sungai Buloh Statistic, 2014.

https://www.statistics.gov.my

http://nursing.moh.gov.my/