

JICA *Traditional Medicine Project in Myanmar*



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**Department of Traditional Medicine
Ministry of Health
Union of Myanmar**



Myanmar Traditional Medicine System

- **Desana system**
- **Bhesijja system**
- **Nekhatta syatem**
- **Vijjadhara system**



The National Health Policy

■ Item number 14:

“ to reinforce the service and research activities of indigenous medicine to international level and to involve in community health care activities.”



Project outline

Duration: Nov. 2006 - Jan. 2009

Objective:

To promote skill level of Traditional Medicine Practitioners to improve the basic health situation of Myanmar local peoples



Project outline

- Collect information on the work of TMPs and utilization of herbal medicine by the local peoples
- Analyze popular diseases and needs of herbal medicines
- Compile a Myanmar Traditional Medicine Handbook
- Feedback recommendations to the Department of Traditional Medicines by means of seminars and alike on training of TMPs before and after graduation
- Share the recommendations of the study with TMPs through seminars
- Conduct training of TMPs on the basic knowledge of herbal medicine.

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Traditional medicine practitioner

Daw Tin Nwe Oo (Hman cho)

S. No. 200

Date: 4/18/2007

Information Provider: Daw Tin Nwe Oo (Hman cho)

Age 61 Gender Female

Address: 281, Hman cho drug house, Shwe bon tha middle st., Yangon

Insert Picture

Export Picture

Personal information Disease information Crude drug information Photographs

Field of specialization Cancer, fistula-in-ano, haemorrhoids, wounds, cough, hypertension, diabetes mellitus

Experience 30 years

Number of staffs 55

Monthly income 15 lakhs in

Cost of treatment 30 year

Do you have a private clinic? Yes

Number of patients per day nearly 40

Success rate 70%

Extra remarks

Own clinic at Shwe bon tha st., and manufacturing industry is present.

100% Start trial (2) FileMaker Pro

TM formulations

New Delete Find Save as PDF Save as Excel

Not mentioned

S. No. 200

Date: 3/9/2007

Information Provider: Not mentioned

Address:

Insert Picture

Export Picture

Description Photographs

Specific use of this medicine

Side effects of this medicine

Extra remarks

11:44 AM

FileMaker Pro

Document1 - Microsoft...

Adobe

Crude drug

TS-01180

Date: 3/17/2007

Information Provider: Daw Tin Nwe Oo, TS-01180

Address: 281, Hman cho drug house, Shwe bon tha middle st., Yangon

Insert Picture

Export Picture

Photographs

Formulation containing this crude drug

Name of TM containing this crude drug

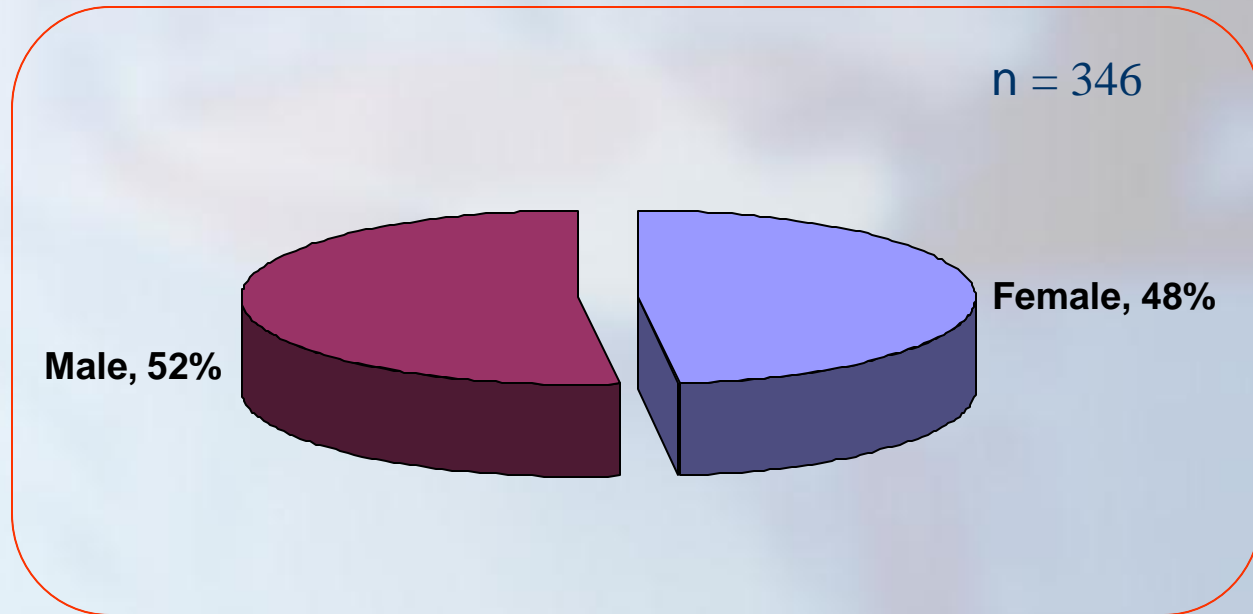
Met-lin-chin, nwe-cho, kya-zu, phar-lar, za-vel-thar, lake-zon-may, minkokar, bonayazar, ka-ya-vay, thit-ja-poe

Extra remark

100% Start trial (2) FileMaker Pro

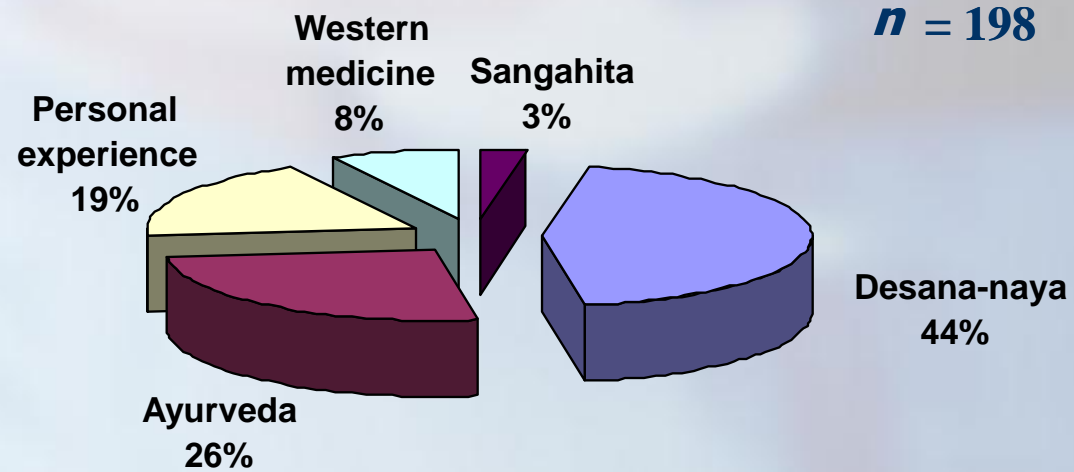


TMPs vs Gender



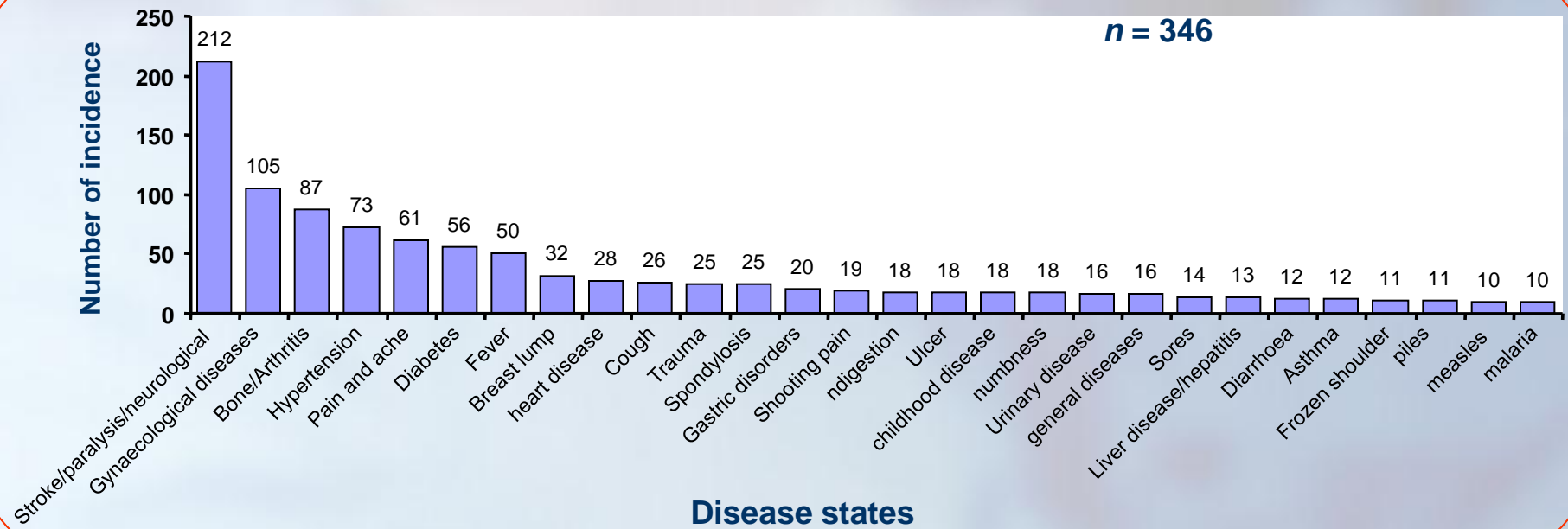


Diagnosis of disease





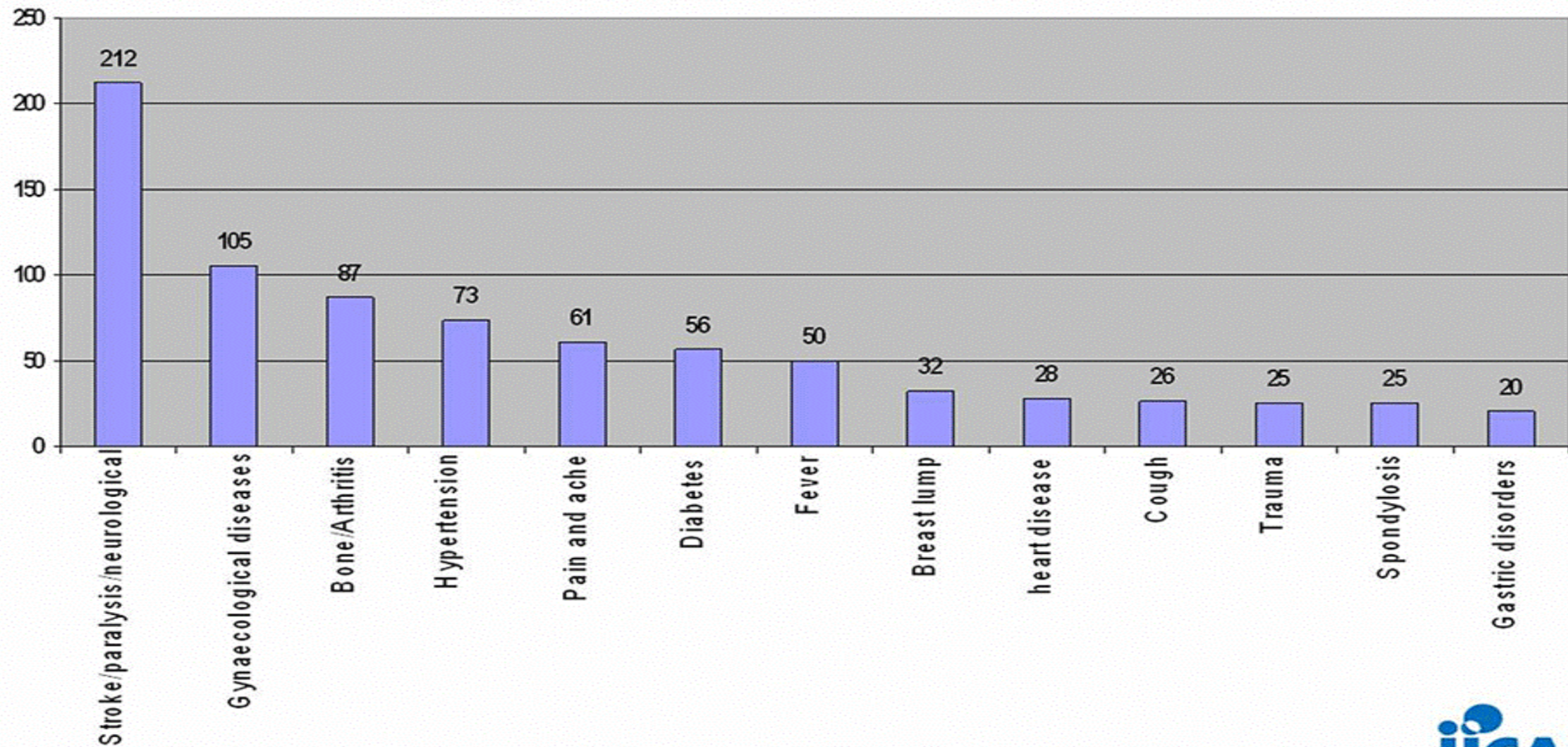
Frequency of encountered diseases in Myanmar





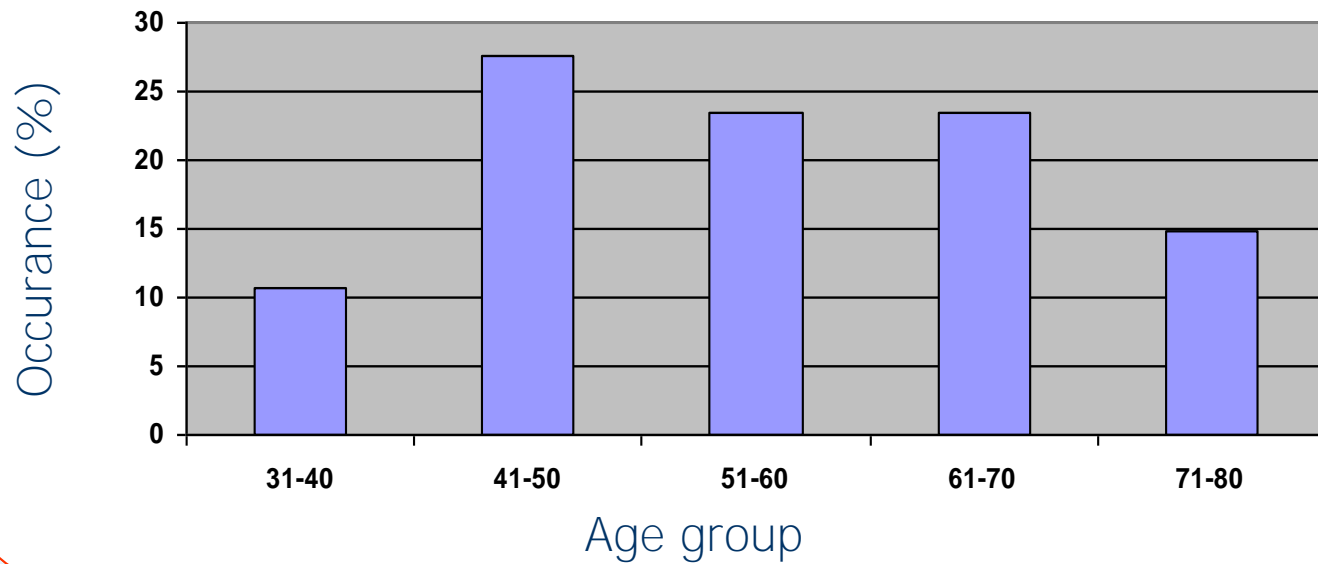
Background: Contd....

Most popularly encountered diseases





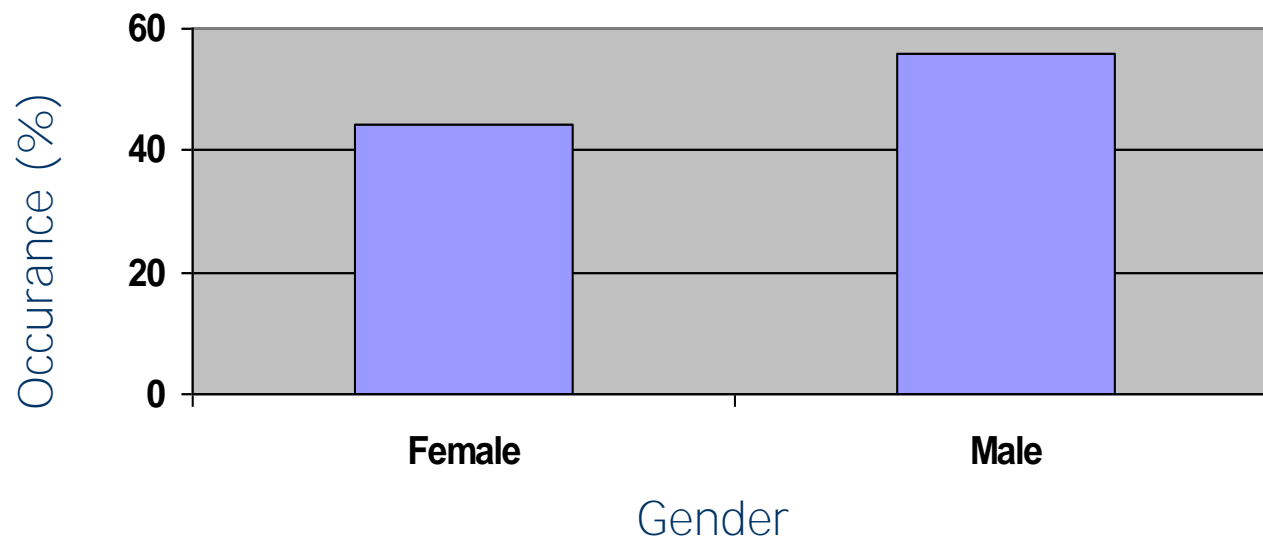
Diabetes: Age vs. Occurrences



***n* = 52**



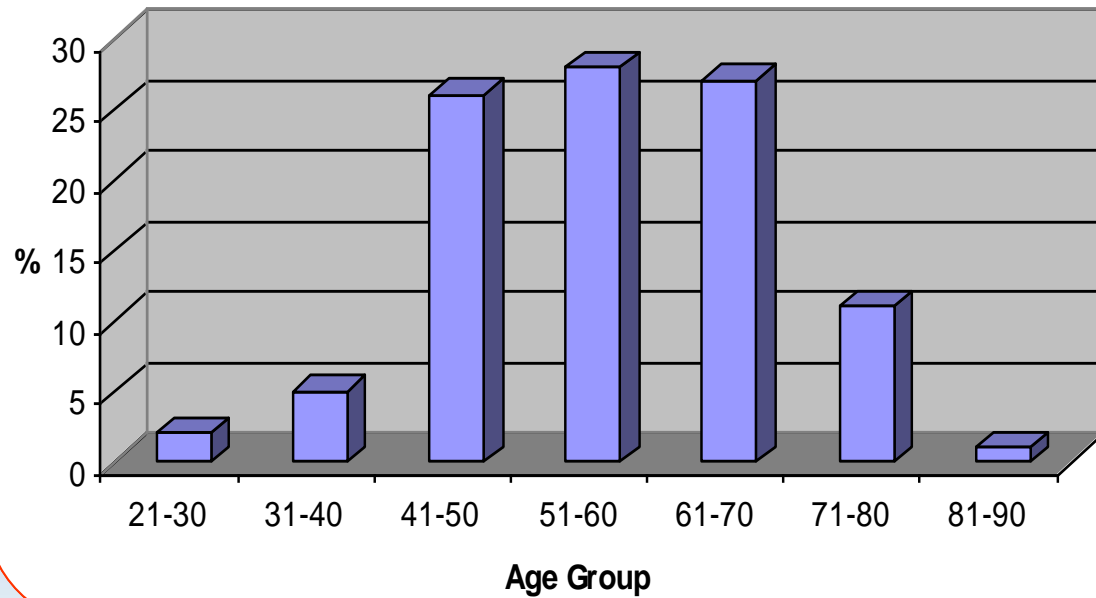
Diabetes: Gender vs. Occurrences



***n* = 52**



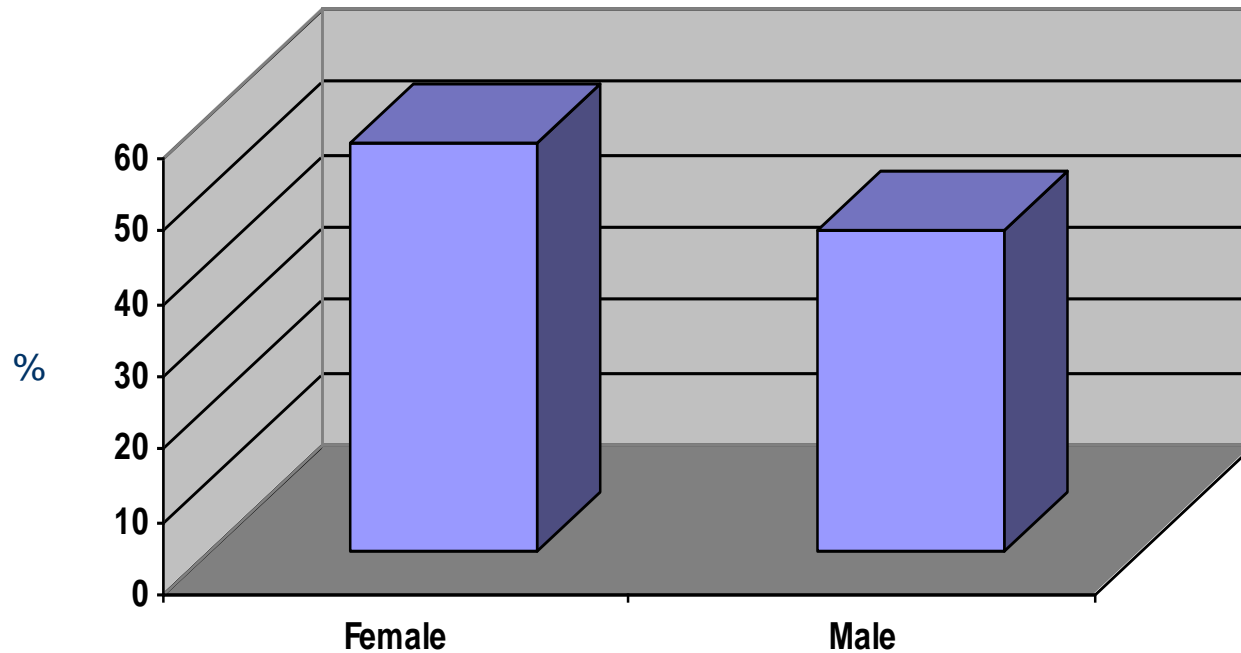
Hypertension: Occurrence vs Age



***n* = 102**



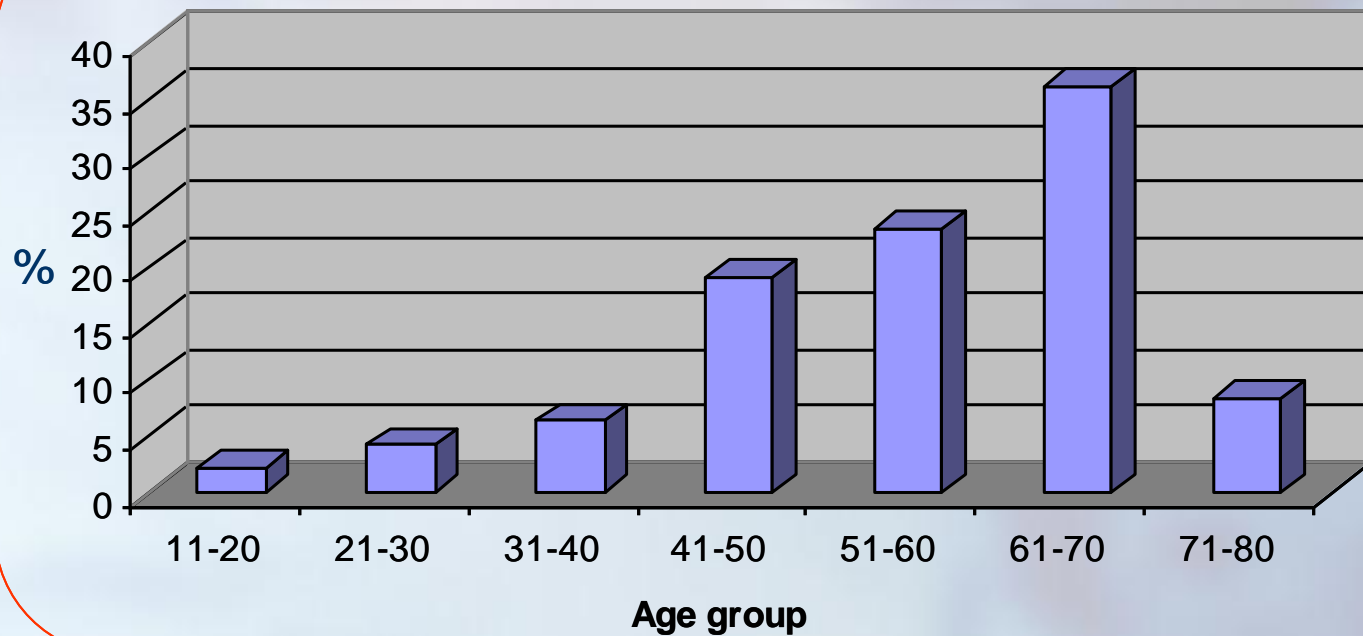
Hypertension: Occurrence vs Gender



***n* = 102**



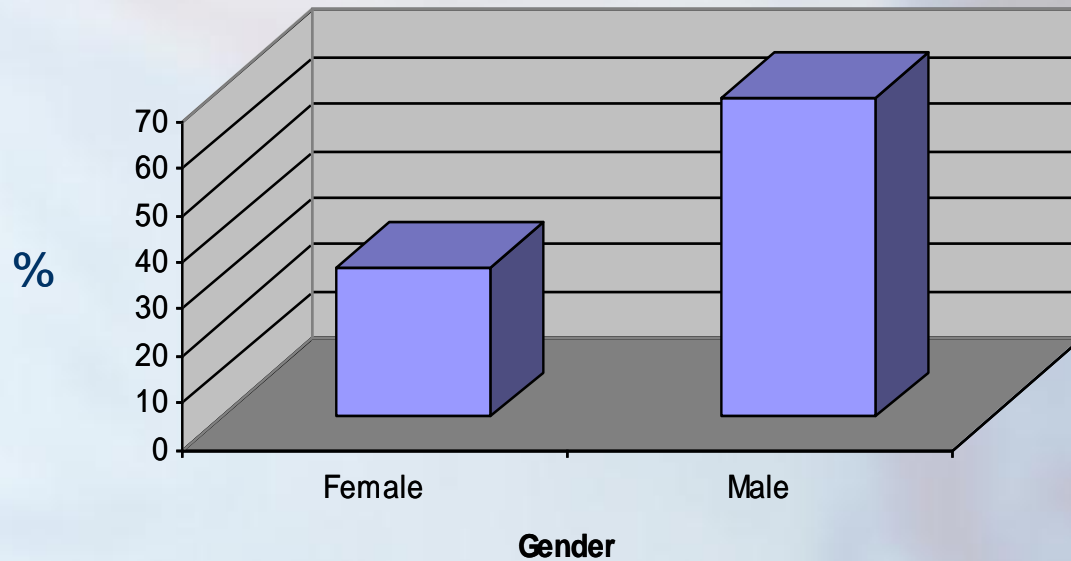
Stroke: occurrence vs Age



n = 47



Stroke: Occurrence vs Gender



n = 47



Myanmar Traditional Medicine Handbook

- ❖ Basic principle of Myanmar traditional medicine.
- ❖ The clinical approach, diagnosis, and management of the patient.
- ❖ The TM council law, the TMP' s oath & ethics.
- ❖ Diseases commonly encountered by TMPs and management of (5) commonly encountered diseases.
- ❖ Mostly prescribed TM formulation.
- ❖ Mostly used medicinal plants
- ❖ The medical records and referral system, the biomedical parameters



Myanmar Traditional Medicine Handbook





Contents of Traditional Medicine Handbook

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Objectives of the course

- 1) To understand current situation of Human Resource Development of Traditional Medicine in Japan.
- 2) To utilize the knowledge obtained in planning of the human resource development program in DTM.



Good Practice and Ideas from our experiences in Japan

Lecture on the university

- ✓ Pharmacognosy
- ✓ Natural products chemistry
- ✓ Metabolic engineering
- ✓ Pharmacology
- ✓ Pathogenic biochemistry
- ✓ Gastrointestinal pathophysiology
- ✓ Clinical application
- ✓ Museum etc.



Lecture at the hospital

- There were lectures on kampo medicine pharmaceuticals, Kampo diagnosis and treatment. We also observed Kampo pharmacy and dispensary.
- On the next days, observatory visits and short discussions at each departments. There were research works in process.



Visit to International Research Center for Traditional Medicine

- ❖ **International research center for TM**
- ❖ **Life science hall**
- ❖ **Health stadium**



Others

- ❖ There was an opportunity to visit to museum of Materia medica, which would be very effective, very interesting for TM students.
- ❖ Apart from those, we had observed the course of medical students, the pharmaceutical science and treating the patients by Kampo medicine. Further more observations were made on the system of health care at out-patient department and few points on health insurance system.



Action Plans

- **Output 1**

Capacity building of the TMPs

- **Activity**

Establishment of well-organised traditional medicine museum.



Action Plans

■ **Output 2**

Quality control of TM drugs

■ **Activity**

To enable the public to consume genuine quality ,safe and efficacious TM drugs.



Action Plans

- **Output3**

Research in Traditional Medicine

- **Activity**

Strengthening of scientific research



Constrains

- Human resources
- Technical man power
- Inadequate Instruments



Conclusion

- ❖ **More integration of TM with national health care system in line with national health policy.**
- ❖ **Promoting safety, efficacy & quality of traditional medicine by Providing guidance on regulatory & quality assurance standard.**
- ❖ **Providing easily accessible and affordable as appropriate for poor population.**
- ❖ **Promoting the sound use of appropriate traditional medicine drugs providers and consumers.**

I hope that tapping of available resources from any countries, agencies, and organizations will make rapid improvement of Myanmar TM in the future.



Acknowledgement

- **JICA**
- **Institute of Natural Medicine,
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