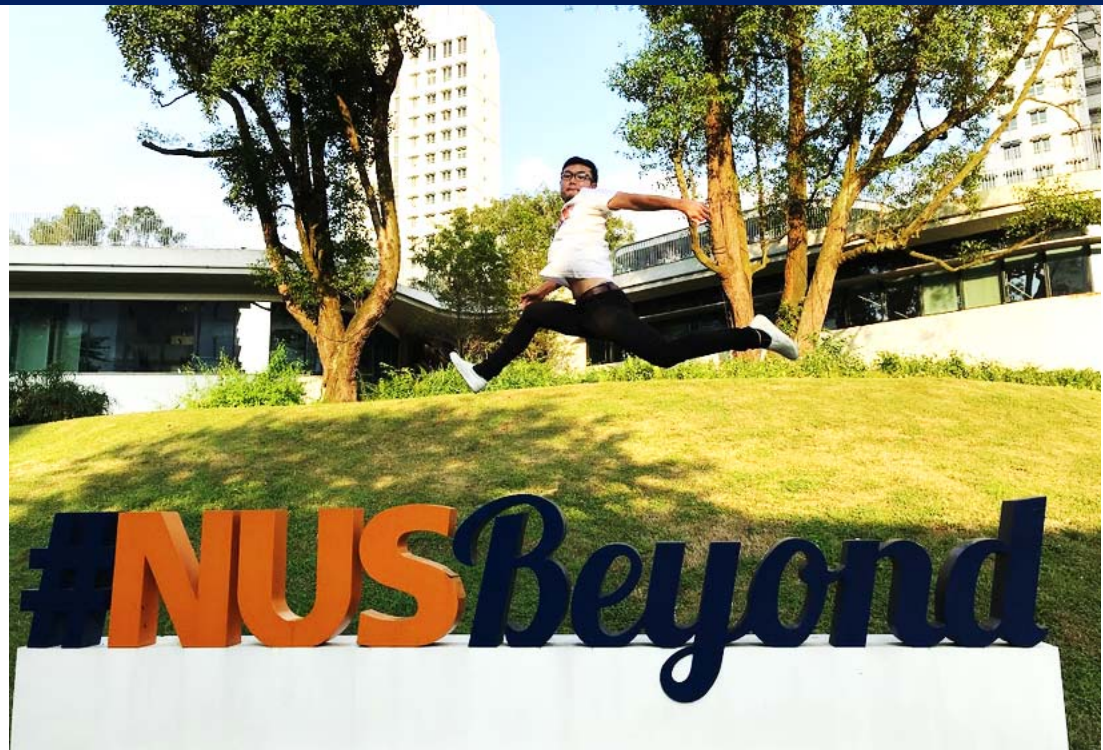




Experiential Simulational Programme

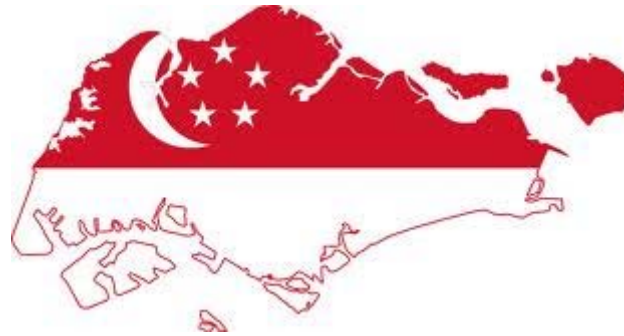


**YCU medical student
Hisho Kawamura**





Singapore



Size 1.65 :

Population 5,61 million 3,72

Yokohama





Development of Yokohama

Yokohama now is the second largest city in Japan.

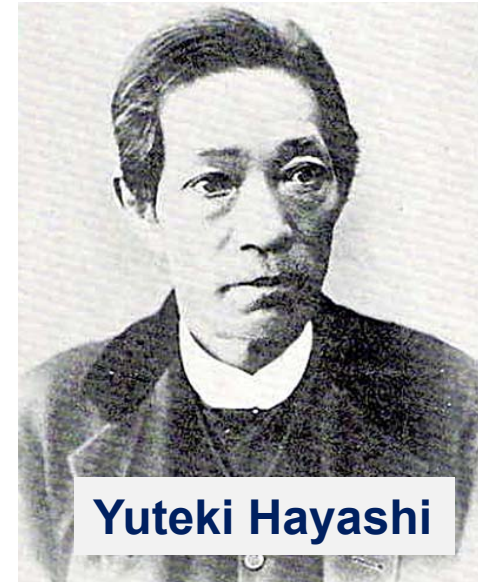


Yokohama was the base of foreign-trade in Japan 150 years ago and become the most western-like city in Japan back then.

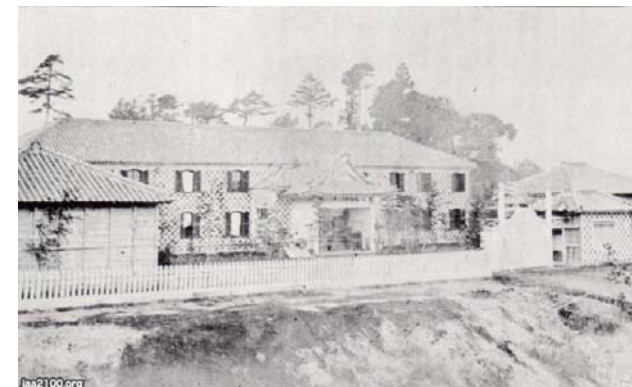


Yokohama City University

Derived from the second oldest Western-style hospital in Japan established in 1871 by Yuteki Hayashi, a doctor and a businessman.



In 1952, Merged with faculty of commerce of YCU



Ju-zen hospital (1874-)

Yong Loo Lin School of medicine



**In 1905, Established as the
Straits Settlement and
Federated Malay Straits
Government **Medical School****

**In 1949, Merged with Raffles
College**



Experiential simulational programme



Day 1	Day 2	Day 3	Day 4	Day 5
BCLS	ACLS		Basic Clinical Procedural Simulation	Computer based simulation
AED				

Day 6	Day 7	Day 8	Day 9	Day 10
Pediatrics	Team STEEPS	Advanced Clinical Procedural Simulation	Crisis Simulation	Professionalism in action
Airway Simulation				

Experiential simulational programme



3 types of simulation



Emergency scenario



Surgical procedure



Medical Interview

One of our day

8:00

Lecture



Simulation

Lunch Time

Lecture

Simulation

18:00



One of our day

8:00

Lecture

Simulation

Lunch Time

Lecture

Simulation

18:00



Room 1

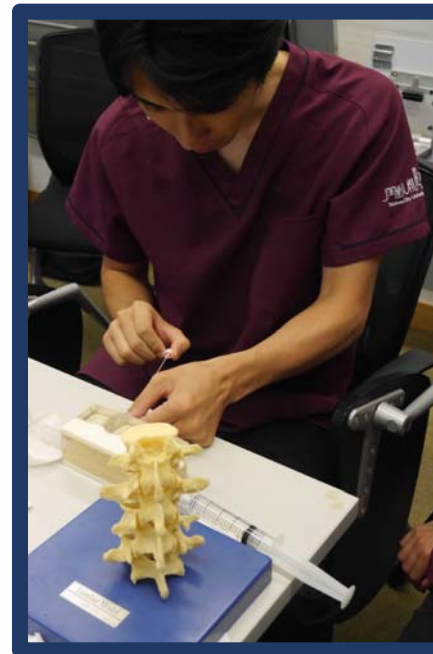


Room 3



Room 2

1. Procedure



Basic skill : 11/18

Venepuncture

Drawing blood culture

OT etiquette, Scrubbing,
Gowning, Degowning

NG tube insertion

IV Cannulation

Stapling, Removal of Staples

Care of Surgical Drains

Cricothyroidotomy

Surgical Consent Taking

Blood Transfusion Request and
Spiking Blood Bags

ABG Sampling

Infusion Administration

Morphine Dilution

Advanced skill : 6/10

Urinary Catheterization

Suturing, Knot-tying

Ultrasound Imaging

Removal of Sutures

Lumber Puncture

Central Venous Line Insertion

Needle Decompression

Chest Tube Insertion-Removal

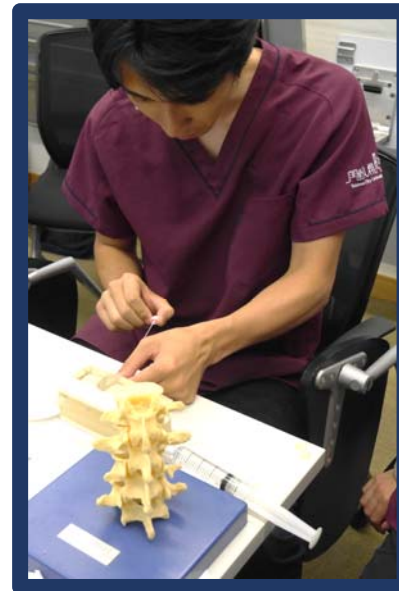
Suprapubic Catheterization

Haptics skills



Virtual Reality

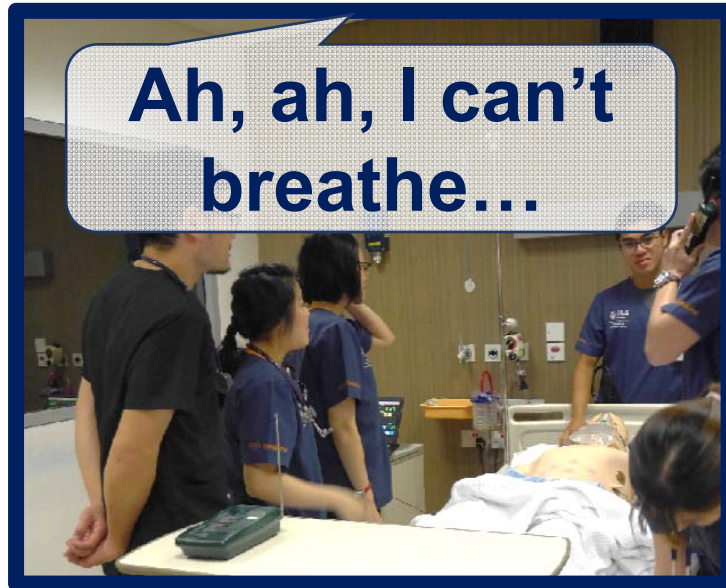
Simulate a
procedure of
lumbar puncture



Lumbar
puncture

2. Emergency scenarios





**Ah, ah, I can't
breathe...**

Medical interview

**Obtain information
necessary
for deciding treatments**



Monitor

**Assess vital signs and
physical symptoms**



Treatment

**Give a patient
some intervention**



Assessment

**Assess an outcome of
the intervention**

3. Medical Interview





**In each scenario,
a trained actor or
actress played a
patient.**

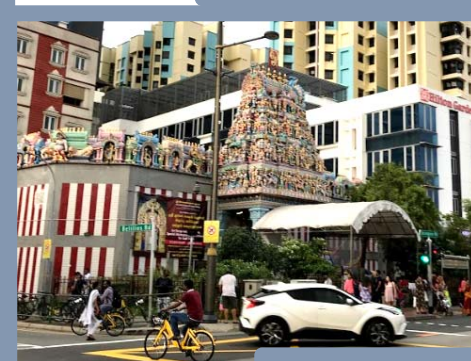
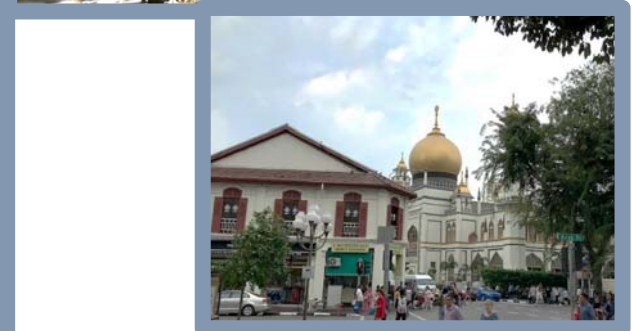
Taking informed consent

**Rendering appropriate
information to a patient
without using
technical terms**

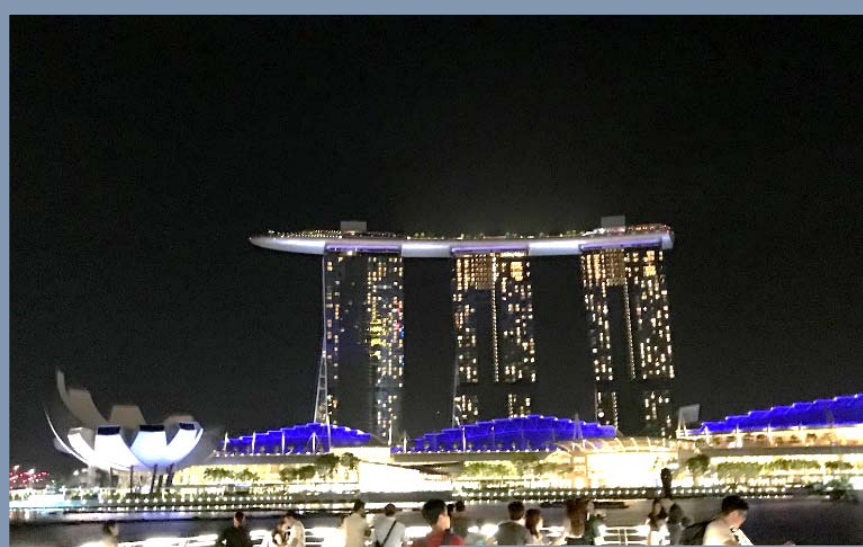
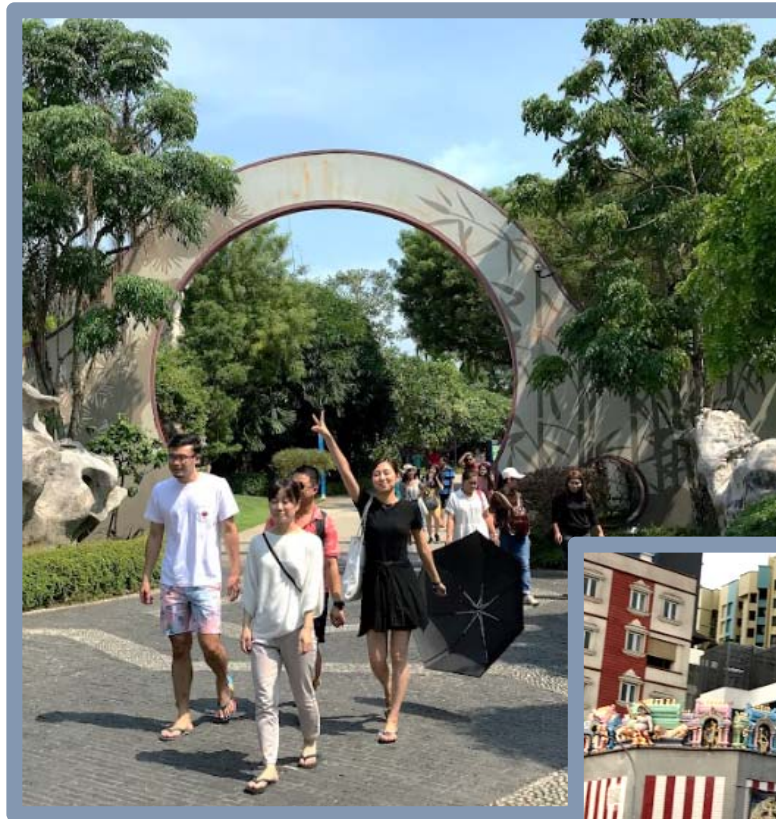
Medical interview

**Consider backgrounds,
personality and feelings
of a patient**

After school



After school



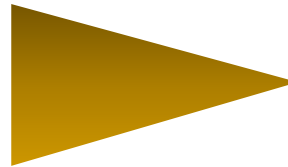
After 2 weeks stay in Singapore



Improve my activity in YCU

Combination of reality and responsibility

Knowledge



Experience



**Clinical
scenario**



**Virtual
reality**

Improve my activity in YCU

Make scenarios of
clinical interview
and
emergency



Doctor's review

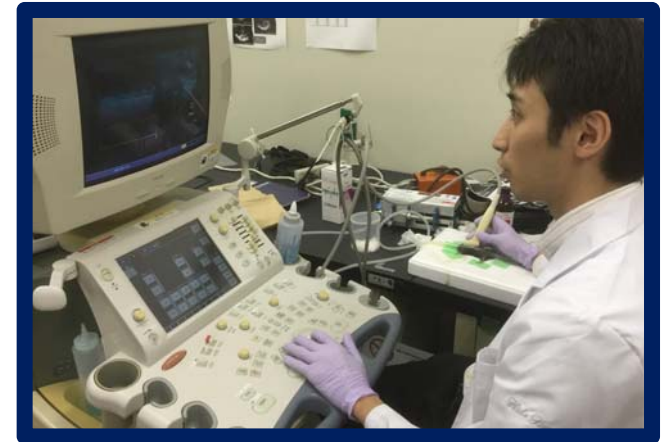


Perform and revise



For YCU students

Several programmes available in YCU



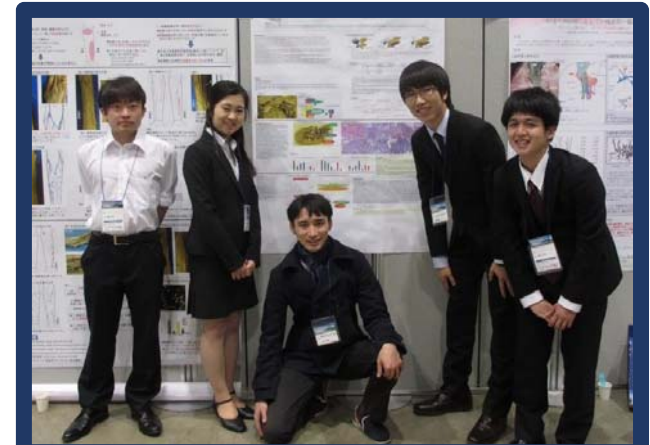
Research clerkship



Surgery procedure



ACLS & Interview



Anatomy

For NUS students and staff



**Thank you very much for treating us
for 2 week-stay.**

Keep a good combination between us!

Special Thanks



**For all who
concerned**

