Feedback for elective course at hematology unit, PMK hospital

First Day (16/12/19)

- To be successful in the future, you need to have a specific, professional job
- Lab | Chiller than expected - wearing airpods | wearing flipflop - I thought there was a standardized procedure

1) Lab to analyse the blood ad urine
- Use A.I. technology/robot to analyse nowadays due to many patients
- Count RBC / WBC / Lymphocyte / Platelet > then analyse the problem (technology)
- Urine collection > Analyse by measuring the concentration of urine/chemicals/molecules Eg. Protein and Sugar
- Analyse the problem Eg. Too much sugar molecules in urine = Diabetes

2) Molecule Lab Testing (DNA extraction & genes)
- DNA Analysis | Thalassemia
- Viral Load | Viral unit (Plaque forming units (PFU))
- Antigen / Antibody count
- Viral PCR:
1. DNA Extraction
2. Mastermix Preparation
3. Amplification
4. Detection

Second Day (17/12/19) | Pre-clinic

1) Pathology
- Tell the difference between a normal and abnormal cell

2) Venipuncture on a fake arm
- Learned the steps of how to do a venipuncture - more complicated than expected - Need to Practice a lot in order to do it as fast as the nurses

Third Day (18/12/19)

If the Doctor cannot save a person's life or cure them, their job is to fulfil their dreams and let them die as easily and as calmly as possible

1) Visiting patients with Doctor

- 2 main types of cancer | Physical (Eg. tumour) and in the Bloodstream (Eg. Leukaemia)

- Doctors shift to each floor every month

- Medicine is not cheap (Medicine for killing bacteria+virus = 21,000 thb)

- Treatments and Transplants are taken seriously

- Bone marrow transplant room:

- Very sealed. protected and hygenic

- Transplant room cost around 15,000,000 to construct

- One operation/transplant is expensive at approx. 2,000,000

Fourth day (19/12/19) | OPD

- Sent to the room for extracting venipuncture, Flu etc.

- Hard and bearable job - Babies crying

- Very busy and you have to be efficient as there are lots of patients

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