


CAREER DEVELOPMENT FOR RADIATION THERAPIST



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DEPUTY HEAD OF PROFESSION
(JURU X-RAY TERAPI)
MINISTRY OF HEALTH MALAYSIA



MALAYSIAN SOCIETY OF RADIOGRAPHERS' SCIENTIFIC MEETING & 48TH MSR AGM
*Radiographers: Leading The Way to
Diagnosis And Radiation Treatment*
7TH-8TH APRIL 2018
VENUE: VISTANA HOTEL, KUANTAN, PAHANG, MALAYSIA.

Talk Outline

- This talk will not teach you how to develop your own career
- This talk will open your mind about your profession
- Create awareness what is going on
- Think about your future and develop self sustaining career development

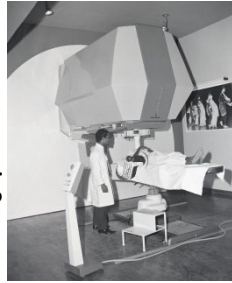


IT START AS A DREAM

MOHD FARIHAN
RADIATION

Evolution of Therapy Radiographers and Training Institute in Malaysia

X-ray Training School



UKM offers Exec Degree Programme



1947

1963

1980

1990

2001

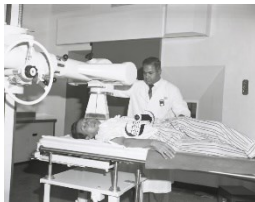
2005

2007

2014

2017

First formal training



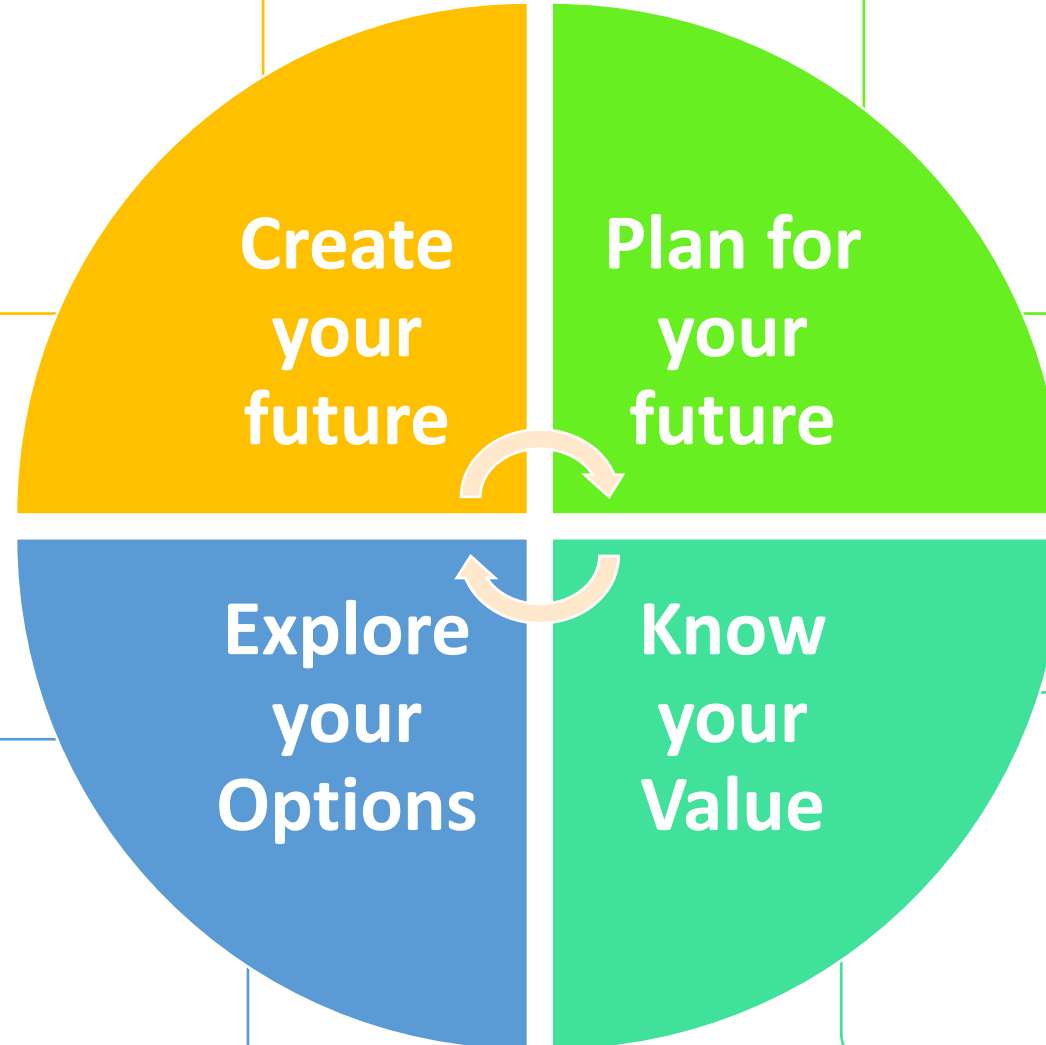
UKM offers Degree Programme

UKM offers Masters Programme



Career development principle

- **Work Experience**
- **Social Networking**
- **Society**
- **Conference**



- **Action Planning**
- **Goal Setting**
- **Priortizing task**

- **Industrial trends**
- **Education path**
- **Career option**

- **Values**
- **Interest**
- **Strength/weakneses**
- **Ambition**

Coping with trends

Megatrends are rapidly changing the the world we live in.....

Urbanization



- 80% of the world's & Malaysia's population will be living in urban areas in 2030
- Cities will be densely populated & rise of more 10 million population cities

Resource Scarcity



- Overpopulation will lead to greater focus on energy, food and water security
- Sustainability increasingly essential focus for consumer demand, waste management

Ageing Society



- Population of over 60 years and above will exceed the youth
- Malaysia will become an "ageing nation" come 2035 (>15% of the population aged >60 tahun)

Geopolitical Shift



- Rapid growth of the emerging market creates a new world order by 2050
- Asian economies will form 50% fo the worlds GDP in 2050

Digitalisation



- Rapid development of technology such as AI (Artificial Intelligence)
- Jobs of the future may lead to loss of employment if people are not equipped with the necessary skills

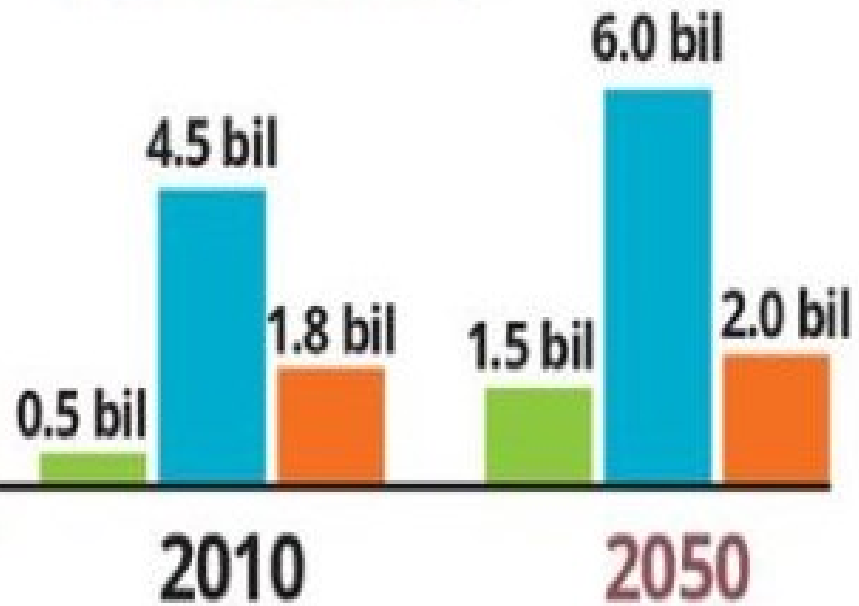
Societal Change



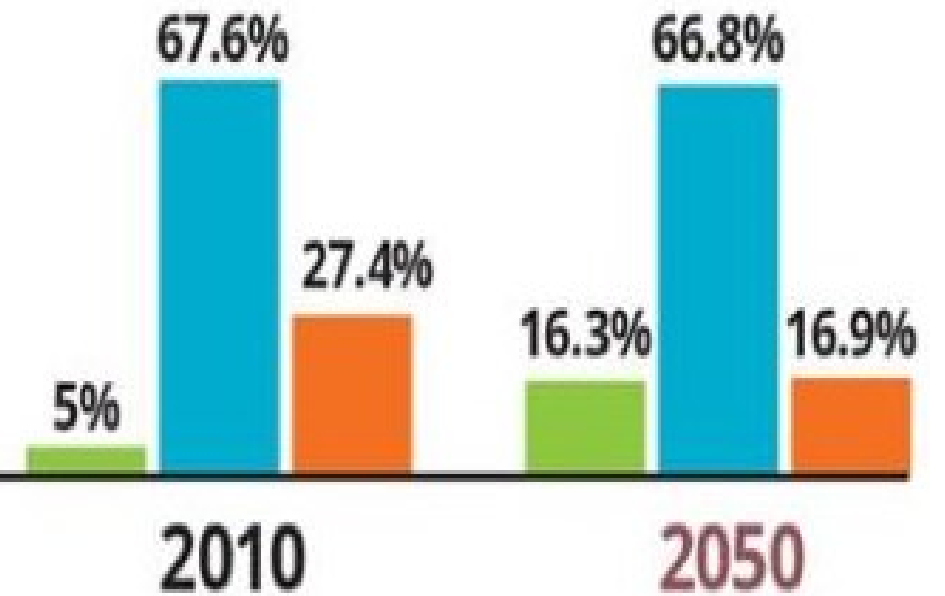
- Tensions between globalisation with tendencies towards nationalist protectionism
- Economic empowerment and diversity in the workforce



AGEING POPULATION



32 Million (2017)





RAPID URBANISATION

Malaysians in urban areas



2016

7 out of 10



2050

9 out of 10

World
Bank
2015



GEOPOLITICAL SHIFT

By 2022, ASEAN
will be the



largest
economy

behind the US,
EU, China
and Japan

\$4 trillion
GDP



DISRUPTIVE TECHNOLOGIES

Ridesharing

160,000

Number of Uber Drivers
In Malaysia

Grab operates in

65 cities

across seven countries in
SOUTH EAST ASIA

1.1 million

drivers



over

50 million

mobile app
downloads



7 bookings

per **second**



The boom in e-commerce



RM68
billion
2015

RM104
billion
2020



SUSTAINABILITY



With **2.4 billion**
more people by 2050,
the amount of food produced
will have to increase
by **70%**



By **2030**
demand for water will
increase by **40%**



1°C increase in air
temperature, oil palm
yield declines
by **27%**

Where are we now?

- Akta 774 will be enforce soon
- Are YOU prepared for the globalisation?
- What is your strategy for change?
- What is your planning for the next ten years from now?





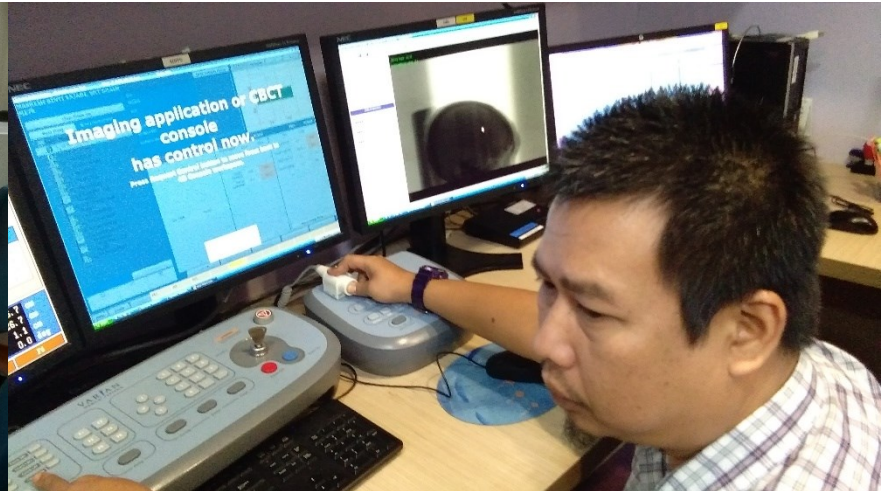
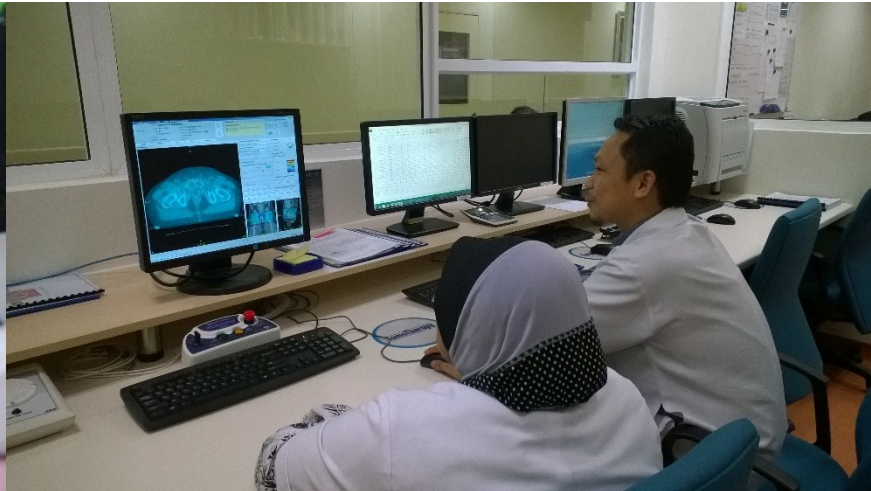
When dream, make it BIG!

Strategy Canvas for Radiation Therapist

- Converted to all degree in Radiation therapist – Diploma soon to be phase out
- Advanced practitioners – to help Oncologist in Image Review and Simulation
- Subject matter Expert – IGRT, Stereotactic, IT Consultant
- Unity as 1 entity – Multi sectoral collaboration among private, public and academic
- Uberization and Grabberization of Healthcare service!



Are you willing to change?



THANK YOU

If you have ideas, comments and questions please email to:

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