

MONASH University
Medicine, Nursing and Health Sciences



Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Presented
by
Dr Judi Moyle, Dr Teresa Iacono, Dr Marilyn Liddell
Centre for Developmental Disability Health Victoria

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences



Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

World-wide shortages of medical practitioners


Overseas trained doctors

Movement of students

- Different resources and health practices between health care environments
- Cultural and religious issues influence treatment choices
- Traditional beliefs influence health behaviours

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences




Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Limited and inconsistent content on DDs in curricula

- across medical schools within countries
- and between countries
- Most studies on DD conducted in Western countries
- Little known of content on DD in developing countries

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences



Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment


Study of newly graduated doctors in Malaysia

Of content on DD in undergraduate curricula & Perceptions of role in the care of pwdd

- differences according to where they had completed their training.

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences



Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Participants

- newly graduated Housemen in hospitals throughout Peninsula Malaysia.

Method

- 107 Item questionnaire
- 7 Major gov't hospitals

Response

- 230 House Officers

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences



Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Location of training

	%
• Malaysia	70.8
• Eastern & Middle Eastern (inc India, Pakistan, Palestine, Egypt and Turkey)	14.7
• Western countries (inc England, Ireland, Canada, Australia & New Zealand)	14.2

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences

CDDH
CONFERENCE

Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Practitioners trained in Eastern and Middle Eastern countries

- more likely than those trained in Malaysia and Western countries to lack knowledge, exposure and experience with developmental disabilities.

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences

CDDH
CONFERENCE

Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Differences in Lecture Hours According to Locations of Training

Significance $\chi^2 = 10.38, df = 2, p = 0.006$

Those trained in Eastern and Middle Eastern countries less likely to receive 5hrs or more of total lecture hrs on DD compared to Malaysia and Western countries

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences

CDDH
CONFERENCE

Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Information on Particular Disabilities

- Those trained in Eastern and Middle Eastern Countries less likely to have learned about Asperger's syndrome, Autism, Fragile X, Spina Bifida, ADHD & Tourette Syndrome,
- Exception: Tourette Syndrome (Malaysia less)

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences

CDDH
CONFERENCE

Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Experience during training

- Those trained in East and Middle East less likely to have observed developmental assessments during training
- $\chi^2 = 16.87; df = 2; p = 0.000.$

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences

CDDH
CONFERENCE

Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Scenario of child with autism - those trained in Eastern and Middle eastern countries less likely to

- identify a child has developmental disability
- Less likely to identify autism
- recognize indicators or recommend management strategies to family

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences

CDDH
CONFERENCE

Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Traditional Beliefs

- Those trained in Malaysia, Eastern and Middle Eastern countries more likely to consider traditional beliefs in their care of pwdd
- Those trained in Western countries more likely to be unsure of impact of traditional beliefs on health behaviours and outcomes

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences




Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Conclusions

Location of training will have implications for how well primary practitioners are able to address the health care needs of people with developmental disabilities.

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences



Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Conclusions

- PWDD will find inconsistencies in knowledge and treatment of developmental disabilities according to where medical practitioners have received their training
- This will present Issues even within medical practices of choice of doctor by pwdd and their families

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences



Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Implications

- Consideration should be given for upgrade of knowledge of DD of all overseas doctors as they commence practice.
- Standard curricula on DD world wide

www.cddh.med.monash.edu.au

MONASH University
Medicine, Nursing and Health Sciences



Implications of Undergraduate Training in Developmental Disabilities in an International Educational Environment

Thank you for your interest

www.cddh.med.monash.edu.au