

Educational Symposium 2011 'The Future of Pharmacy in New Zealand'

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Outline

- **Structure of the New Zealand Health System**
- **Pharmacy Curriculum**
 - **Undergraduate**
 - **Postgraduate**
- **New national practice framework**

Structure of NZ health system



- **21 District Health Boards (DHBs)**
 - Responsible for healthcare in specific regions
 - Both hospitals and primary care facilities
- **PHARMAC**
 - Manage NZ pharmaceutical budget
 - Negotiate prices via international tender
 - Agree upon medicines to be funded
 - Decide on criteria for special authority medicines
 - Keep cost of medicines low

Pharmacy Curriculum

- **Undergraduate Degree (BPharm)**
 - 1 year of general Health Sciences
 - **Competitive entry**
 - 1.5 years of specific pharmaceutical sciences
 - 1.5 years of integrated modules
 - **Focus on:**
 - Therapeutics
 - Medicinal chemistry
 - Patient counselling
 - Professional practice
 - Placement
- **One year internship followed by registration examinations.**

Pharmacy Curriculum

- **Postgraduate**
 - Certificate
 - Diploma
 - Masters
 - PHd

New Initiatives

- MUR (Medicines Use Reviews)
 - Adherence support
 - Practical problem solving
 - Accredited Pharmacists
 - Patient understanding their medicines
 - Patient-Pharmacist relationship

Medicines Therapy Assessments

- MTA (Medicines Therapy Assessments)
 - Patient-Pharmacist-Prescriber relationship
 - Collaboration with General Practitioners
 - Multi-disciplinary team
 - Full patient history
 - Make recommendations to prescriber

Anti-coagulative Therapy Monitoring

- Integrated care with General Practice
- INR monitoring within community Pharmacies
 - Piloted nationally in 15 Pharmacies
 - PK Model
 - New Warfarin dose calculated
 - Next appointment determined
 - Patient centered education and involvement
 - 6months 85% compliance
 - GP collaborative care
 - Model of care has been proven as effective
 - Practical tool for other applications
 - e.g Cholesterol monitoring

e-Prescribing

- **Electronic Prescribing and discharge summaries**
 - **Pilot wards in main hospitals**
 - **Secondary**
 - **Good feedback**
 - **Aim:**
 - **Improve patient safety**
 - **Make drug utilization review easier**
 - **Health IT plan**
 - **3-4years for full transparency**

Post-graduate certificate in Pharmacist Prescribing

- **University-led initiatives**
 - **Postgraduate Certificate in Pharmacist Prescribing**
 - **Scope of Practice a collaborative effort of Pharmacy Council and Health Practitioner Body**
 - **Training pre-requisite at Diploma or Masters level**
 - **Six month course in prescribing**
 - **Taught aspects + practicum of 150 hours supervised under designated mentor**

Emerging Trends

- **Greater emphasis on the role of the Pharmacist as a medicines expert**
- **More patient focussed care and shift of expertise towards patient counselling**

Thank you

- **We look forward to welcoming you all to New Zealand at some point in your career!**