Opportunities Pharmacists are Seizing Around the World

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Opportunities Pharmacists are Seizing Around the World

- Challenges
- Imperatives
- Health needs
- Services and delivery
- Sharing innovations
- Workforce development and transformation

The Global Conference on Primary Health Care in Astana, Kazakhstan in October 2018

The opportunities are huge

- In 1978, a pivotal conference was held in Almaty, Kazakhstan, bringing together health experts and world leaders to commit to health for all.
- Endorsed at that conference, the declaration formed the foundation for the last 40 years of global primary health care efforts.
- The PHC conference 2018 endorsed a new declaration emphasizing the critical role of primary health care around the world.
- The declaration aims to refocus efforts on primary health care to ensure that everyone everywhere is able to enjoy the highest possible attainable standard of health.
- While we have made great strides in health outcomes globally over the past 40 years, we face many ongoing challenges.

Imperatives for change

Legal, fiscal and cultural differences lead to variation

Almost 6 million children each year die under the age of five years

Variance in students, pre-qualified, qualified, advanced practice, specialisations

The cost of healthcare is rising, reliance on provision vs prevention is costly.

Poorly controlled health issues

Pharmaceutical science is opening new possibilities and new treatment options are emerging.

Patients' needs are changing. The diseases of tomorrow are not those of today

The success of global primary health care will be driven by:

The six main drivers

1. Knowledge and capacity-building.
2. Human resources for health.
3. Technology.
4. Financing.
5. Empower individuals and communities.
6. Align stakeholder support to national policies, strategies and plans.

WHO will act on this Declaration in solidarity and coordination between Governments, the World Health Organization, the United Nations Children’s Fund and all other stakeholders:

- All people, countries and organizations are encouraged to support this movement.
- Countries will periodically review the implementation of this Declaration, in cooperation with stakeholders.
- Together we can and will achieve health and well-being for all, leaving no one behind.
Global Imperatives and Opportunities

For pharmacy to be one of the big five!

Global Opportunities Pharmacists can seize around the world

Global Development Goals

- Goal 1: No Poverty. Economic growth must be inclusive to provide sustainable jobs and promote equality.
- Goal 2: Zero Hunger.
- Goal 3: Good Health and Well-being.
- Goal 4: Quality Education.
- Goal 5: Gender Equality.
- Goal 6: Clean Water and Sanitation.
- Goal 7: Affordable and Clean Energy.
- Goal 8: Decent Work and Economic Growth.

WHO Global Challenges

1. Air pollution and climate change
2. NCDs
3. Global influenza epidemic
4. Fragile and vulnerable settings
5. AMR
6. EBOLA and high threat pathogens
7. Weak primary care
8. Vaccine hesitancy
9. Dengue
10. HIV

Innovations

- Care and services
- Technology
- Workforce development

Universal Health Coverage

The three dimensions... and policy options

Not only a problem of developing countries: 62% of personal bankruptcy in the USA are due to medical bills... while 75% of these people had health insurance.

Responsible use of medicines

Promotion of this concept during the FIP Centennial 2012 (Ministers Summit, reports) and as a follow-up with the Chief Pharmacists meeting in Dublin (2013).

Reports available at: www.fip.org/centennial

Value of medicines is lost when medicines:

- are not developed
- are not available/affordable
- are not matched to the right patient at the right time
- are not appropriately taken by the patient
- are not used with the right capabilities in place

Answer: primarily through access to products (medicines)
Answer: primarily through access to pharmaceutical expertise (e.g. pharmacists' services)

Reports...
How we describe patient-centred care needs to be as flexible as possible

The Joint Commission of Pharmacy Practitioners

How we organize care services and define organizational responsibilities and fiscal accountabilities will need to transform

Global Opportunities Pharmacists can seize around the world

- Innovations
  - Care and services
  - Technology
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Variation in numbers, need and delivery

Variation in numbers, need and delivery
Development of non-dispensing services: a consolidated trend worldwide


Variation in numbers, need and delivery

Global Opportunities Pharmacists can seize around the world

Beating NCDs in the community

Background

World Health Organisation (WHO) refers:
- More than 36 million people die annually from non-communicable diseases (NCDs)

Prevention and control on NCDs require:
- Effective, cost-effective, affordable and feasible interventions
- National policies are framed within these interventions and in line with NCD and risk factor indicators
- Improving equity in healthcare
- Targeting population for improved health outcomes

Priority NCDs: cardiovascular diseases (CVD), diabetes, asthma/COPD and cancer
Beating NCDs in the community

Background

Pharmacists are a relevant asset in the global fight against NCDs

- The most frequently visited health professionals
- Ensure safe and high-quality primary care services in pharmacies
- Regular interactions with patients, even with those who do not see their physician
- Encourage preventive measures, support adequate prescribing
- Improve patients’ adherence and safety of treatments
- Provide early screening and point-of-care testing, specialized counselling and long-term disease management

NCDs represent an opportunity to strengthen pharmacists’ commitment to citizens, towards sustainable and better use of health resources

Reference Paper

- Survey to all FIP member organisations and reviewed the main activities of pharmacists related to NCDs
- Available literature and case studies
- Global evidence to advocate, nationally and internationally, for an expanded role for pharmacists in NCD management, by compiling best practices and examples
- To be released in Q2 2019

To encourage pharmacists around the world to act upon NCDs

From prevention and screening activities, including patient referral, to management of their treatment to enhance outcomes

Pharmacists can improve patient engagement to achieve better outcomes in the global fight against NCDs

NCDs demand new answers and requiring innovative and creative solutions

Recommendations and conclusions

- Use the evidence and case studies in this report
- Collaborate with other health professional associations for implementing strategies to close working relationships
- Develop competency frameworks to support appropriate pharmacist workforce development
- Develop strategies to incorporate pharmacists in health programmes and ensuring the remuneration
- Engage with health authorities to include pharmaceutical expertise in public health efforts
- Increase integration of community pharmacies within the primary care network.

The self-care continuum

The self-care continuum

- Daily chores
- Self-managed ailments
- Long-term conditions
- Compulsory psychiatric care
- Major trauma

Healthy living
Minor ailments
Long-term conditions
In-hospital care

Spectrum of Care

- Less complex care
- More complex care
- Less self-care
- More professional care
- Self-care
- Professional care
- Self-care is shared care and can involve a small or large component of self-care
Prevention: The Gateway to care

- Quite simply:
  - Consumer demands, needs and expectations and the availability and access to medicines have dramatically changed since the 1996 "Statement of Principle: Self-Care including Self-Medication", and the 1998 joint statement on "Responsible Self-Medication".
  - "Industrial age medicine" has inverted to become "Information-age healthcare".
  - Patients and consumers with greater education, knowledge and power need and want pharmacist and pharmacy assistance to optimize their medicine therapy outcomes, including a significant emphasis on self-care.

New technologies

**Tomorrow begins now**

- Creation of a FIP technology Forum
- m-health, e-health, artificial intelligence, Apps, robots, 3 D printer...
- It is mandatory for our profession to adopt and adapt the new technologies. We should be leaders in this field
- Multidisciplinarity : E-prescription, data transfer, communication between health professional
- Scientific database, treatment adherence, patient safety
- Patient education and empowerment
- New business models
- Pharmacists education (e-learning)...

Apps: Enablers at Transitions of Care

**Global Opportunities Pharmacists can seize around the world**

- Innovations
- Care and services
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- Workforce development

- Computerized Physicians Order Entry (CPOE) and Clinical Decision Support System (CDSS) developed in many hospitals by pharmacists and IT engineers
- Apply IT in every step of medication management and use (MMU) to facilitate pharmaceutical care and pharmacy education in these high-risk environments
  - Selection & prescription
  - Storage
  - Ordering & transcribing
  - Preparing & dispensing
  - Administration
  - Monitoring

- Enhancing pharmacists’ engagement in utilizing technology in healthcare system to improve patient safety
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No Healthcare Without a Workforce

Major focus for WHO (estimate need 40M new jobs by 2030)
1. Optimize the existing workforce(s)
2. Anticipate/align investment in future workforce(s)
3. Strengthen policy/planning/implementation
4. Strengthen data, evidence and knowledge

No Healthcare transformation without a transformative workforce

World Health Organization
Human Resources for Health

Dr Jim Campbell
Director, Health Workforce Department,
World Health Organization:

“This is a remarkable achievement and I applaud FIP for its efforts in developing these Pharmaceutical Workforce Development Goals (WDGs). The clear alignment with the World Health Organization’s human resource for health policies is welcome and demonstrates strong leadership for this critical health workforce”

The WDGs align closely with global health workforce strategies...

FIP: The next 10 years...

Describe future professional directions ... and, how education supports evolution of practice and science

“Through this Vision, FIP seeks to support and develop high standards of education and training and to promote and protect the health and well being of civil society through leadership and development of our professional workforce and to ensure our contribution to the health and well being of patients”
Global capacity trends observed in the pharmaceutical workforce through data collected by FIP from Member Organisations between 2006 and 2016

The largest retrospective study of pharmaceutical workforce capacity conducted by any organisation to date

Key Messages
- Global capacity increases from 2006 to 2016
- Female proportion will increase to around 72% by 2030
- Estimates a 40% projected growth in capacity by 2030
- Increasing income-based “capacity gap”
- Further focused work needed in regions and discussions around needs-based approaches, including workforce demand and supply in line with WHO strategies

FIP: Transforming the global workforce one country at a time

The Workforce Development Hub (WDH)
The Hub is commissioned to drive evidence, tools, and solutions to progress the implementation of the PWDGs

The Workforce Transformation Programme (WTP)
The Programme offers direct support to country leaders to transform their national workforces.

The Global Pharmacy Observatory (GPO)
The GPO collects the evidence we need to make informed decisions on workforce development needs.

The FIP Atlas
The Atlas will enable us to share needs (WF, Services and practices, and technology and innovations) drawing from the GPO and allowing us to match needs with offerings.

FIP Workforce Development Hub
Transform Your National Workforce with FIP

Operating principles
- Expand the global evidence base on pharmaceutical education & workforce;
- Facilitate needs-based implementation of Nanjing outcomes;
- Increase stakeholder engagement, knowledge exchange & partnership building;
- Be monitored and evaluated for progress, impact and implementation of the FIPEd strategic programme related to workforce.

FIP Workforce Transformation Programme (WTP)
Transform Your National Workforce with FIP

What is the Workforce Transformation Programme (WTP)?
The WTP is a global programme being piloted by FIP to support Member Organisations (MOs) & nations lead the transformation of their national workforces. The aim of the programme is to progress the FIP workforce roadmap, particularly the Global Vision and the Pharmaceutical Workforce Development Goals (FIPEdG), around the world by providing strategic support to countries to develop needs-based, national workforce development strategies, plans and actions.

Vision
Every country to have a needs-based, national strategy for pharmaceutical workforce development

Mission
To assist countries in self-assessing their needs and priorities with respect to pharmaceutical workforce development
To support countries in developing needs-based national workforce strategies
To provide co-created solutions, tools and resources for the implementation of national strategies.
**Workforce Transformation Programme**

Transform Your National Workforce with FIP

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- **Piloted around the world:** Jordan, Indonesia, Armenia, Turkey
- And more...

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  - Imperatives ✓
  - Health needs ✓
  - Services and delivery ✓
  - Sharing innovations ✓
  - Workforce development and training ✓

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**Pharmacy as leaders**