Family medicine in Macedonia

Doc. D-r Katarina Stavric
Department of family medicine
Medical Faculty Skopje

EURACT Council Meeting Skopje 2014
How it start?

- 1999 – 2002 World Bank project (Train the trainers, CME, guidelines, curriculum for vocational training)
- 2004 – 2006 World Bank Project
How it start?

2007

• Privatization of GPs practices
  – Today 80% solo practices
• Payment by capitation
  – 70% health care
  – 30% preventive goals

2013 health informatics system (e-prescription, electronic referral system - my term, e-administration)
How it start?

2008-2010

Project Unit 2006-2010

Memorandum for cooperation MF/MOH 2009

Vocational training 2009

Center for Family medicine 2010
Project – vocational training and retraining of existing GMs
Project vocational training and retraining in family medicine 2009-2010

1. Revision of curriculum
2. Development of retraining program
3. Train of trainers
4. Final exam
5. Memorandum for collaboration with the Department of family medicine, Medical Faculty Ljubljana
1. Vocational training in family medicine

- **Vocational training** 3 years
- **Curriculum**
  - 3 months introduction course
  - 6 months practice
  - 6 months hospital post – internal medicine, pediatrics, dermatology
  - 3 months surgery and emergency
  - 6 months practice
  - 9 months hospital post gynecology, infectious diseases, psychiatry, ORL, ophthalmology, orthopedics, geriatrics
  - 3 months practice
2. Retraining program

- Retraining of chosen doctors
- ~1000 doctors/10 years (till 2020)
- 3-12 months depend of their working experience and background
- Hospital training (1-2 weeks)
- Weekend modules
- Final exam (same as regular trainees)
2. Retraining program

<table>
<thead>
<tr>
<th></th>
<th>GPs specialists</th>
<th>GPs with &gt; 14 years in practice</th>
<th>GPs with 7-14 years in practice</th>
<th>GPs with 3-6 years in practice</th>
<th>Pediatricians</th>
<th>Occup. med. specialists</th>
<th>Gynaecologists</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retraining time</td>
<td>3 months</td>
<td>6 months</td>
<td>9 months</td>
<td>12 months</td>
<td>9 months</td>
<td>9 months</td>
<td>9 months</td>
</tr>
<tr>
<td>Family medicine modules</td>
<td>7 days M</td>
<td>11 DAYS M</td>
<td>17 DAYS M</td>
<td>22 DAYS M</td>
<td>18 DAYS + 2 WEEKS</td>
<td>16 DAYS + 1 WEEKS</td>
<td>18 DAYS + 3 WEEKS</td>
</tr>
</tbody>
</table>

### Peadiatrics and gynaecology

### Emergency & surgery

### Hospital component

- Internal medicine / infectious diseases / dermatology/neurology/ psychiatry/ orthopedics / ENT/ ophtalmology

### Summary

<table>
<thead>
<tr>
<th></th>
<th>6 weekends + 8 weeks</th>
<th>11 weekends + 13 weeks</th>
<th>16 weekends + 17 weeks</th>
<th>20 weekends + 21 weeks</th>
<th>17 weekends + 16 weeks</th>
<th>17 weekends + 16 weeks</th>
<th>17 weekends + 14 weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>52 days</td>
<td>87 days</td>
<td>117 days</td>
<td>145 days</td>
<td>114 days</td>
<td>114 days</td>
<td>104 days</td>
</tr>
</tbody>
</table>
2. Retraining program

Modules:
• Quality control - audit, EBM, prescribing drugs
• Communications skills, counseling
• Ethics, professionalism, medical errors
• Organization of practice, legislation,
• Care for Chronic diseases and elderly, abuse, palliative care
• Prevention, health promotion, substance abuse, family
• Home visit, referral, sick leave
3. Train the trainers

2010 – 5 workshops, 6 days duration

Debriefing

First group of educators
3. Train the trainers

**Leonardo course 1**
- Krakow 21-23.03.2013
- 3 educators
- Berovo 21-23.03.2014
- 23 participants

**Leonardo course 2**
- Skopje 3-6.04.2014
- 26 participants
- 5 from Macedonia
CME for educators/mentors/teachers
EURACT Bled workshop
International workshops (Salzburg, Krakow)
4. Final exam

• Parts :
  – Trainee’s rapport about his practice
  – Practice visit and assessment
  – Final exam
    • MCQ
    • OSCE
    • Oral
4. Final exam, OSCE
Center for family medicine 2010-
Department of family medicine 2012-

• Coordinator 1
• Chef of the Department 1 (2012)
• Administrator 1
• Mentors 28
• Educators 77+20+19

22 Symposium of Association of doctors in general medicine/ family medicine 2010
Vocational training

• Trainees ~6 doctors per year !!!
• Retraining 220 doctors
• Final exam
  – 2 workshops for professors examiners
  – May 2011 year (4 exams per year)
CME for doctors 2012 -

• ~100 workshops per year (CME for GPs)
Cooperation with stakeholders

- Ministry of health
- Institute for public health
- Health insurance found
- Macedonian association of doctors
- Doctor chamber of Macedonia
International collaboration

• WONCA
  – EURAKT 2012-
  – Equip 2012?
  – EGPRN 2012-
• ERASMUS
• Network for Primary Health Care (NPHC)
• AGPFSMSEE
• Interfaculty cooperation with Medical Faculty in Ljubljana and Zagreb
• Split initiative 2013-
Motivation of students 2012-

• Collaboration with the student organization (EMSA)
  – Summer school
  – Workshops with students from 1 to 6 year (promotion of family medicine)

• Exchange of students – ERASMUS, Interfaculty collaboration (Ljubljana, Zagreb)
Summer school
Workshops with students

8 workshops/per year

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Undergraduate education – 2013/2014-

• 1 credit in 5\textsuperscript{th} year (15+15)
  – 3 lectures
  – 12 seminars
  – 1 day (8 hours work in practice)
  – 4 hours in Center – clinical skills

• 1 week in 6\textsuperscript{th} year
Academic staff and research

• 2 PhD fellows – 2013

• Research in PHC
  – screening of DM
  – prescribing antibiotics for respiratory tract infections
  – Screening for COPD
  – Cardio risk factors and non pharmacological interventions
Challenges

• How to keep students not to go abroad and chose family medicine
• Quality of work of GPs
• Quality of education
• Vocational training to become obligatory
• Payment of specialist
• Grouping of practices
• Reforms!!!!
• ....................
Thank you!