

Results :National Survey of learning needs

*Strengthening primary health care through
primary care doctors and family physicians*

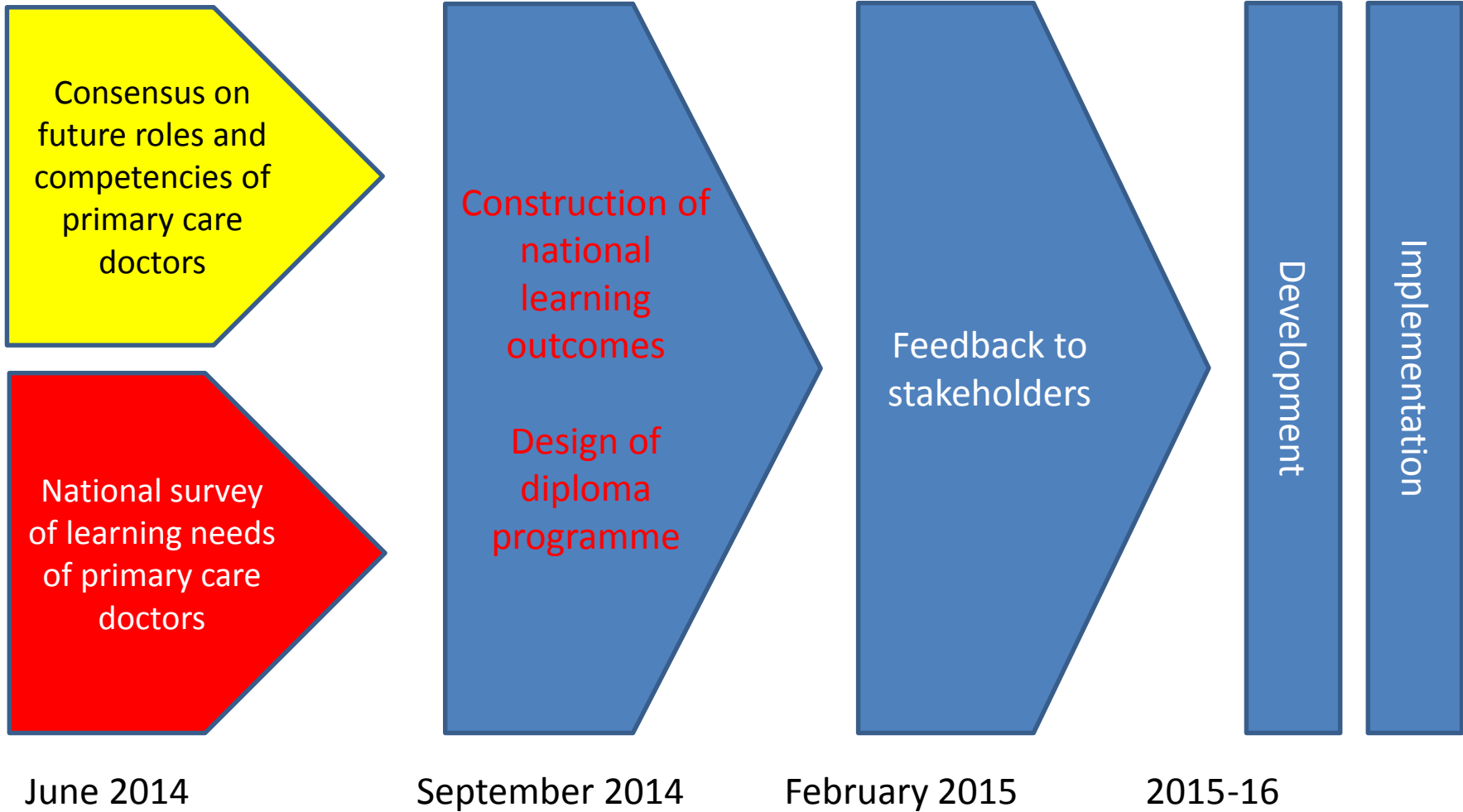
18-19 September 2014

Alphen Hotel



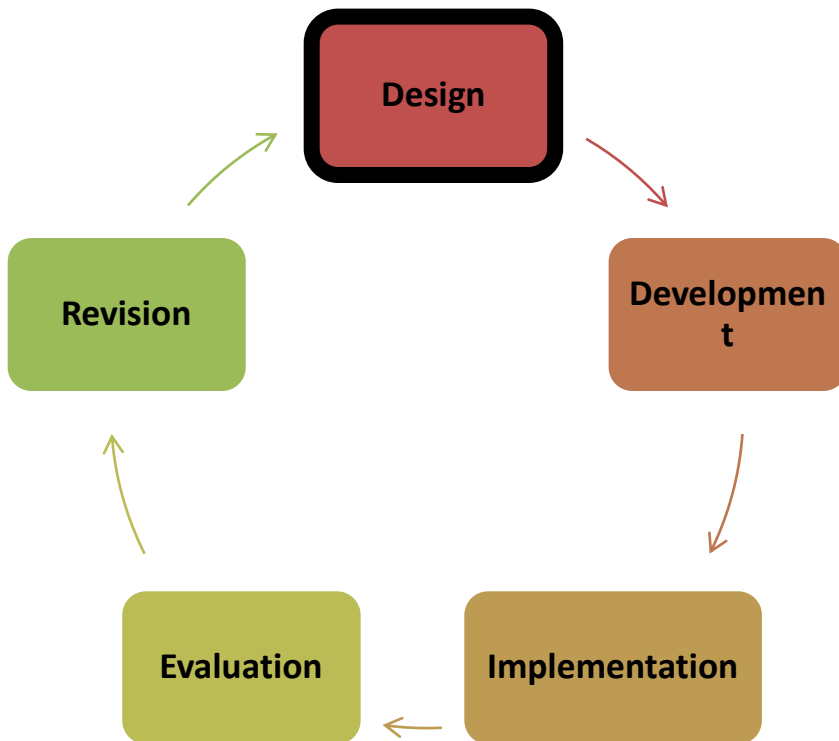


Designing a national Diploma





Overview of the process



- ❑ **Descriptive survey** using a **questionnaire**
- ❑ The study has been conducted by the **applicant** and **co-applicants**, who have an active presence in the following provinces: *Western Cape, Gauteng, Free State, Limpopo, Kwa-Zulu Natal*.
- ❑ The study has also been conducted in collaboration with the **National Department of Health's technical task team** on GP contracting which is chaired by the Deputy Director General for PHC Jeanette Hunter, with Dr Richard Cooke acting as the key link to the study.



Objectives



- To identify the perceived learning needs of existing primary care doctors in the **public sector** in terms of their ***clinical knowledge, clinical skills and scope of practice***
- To identify the perceived learning needs of existing primary care doctors in the **private sector** in terms of their ***clinical knowledge, clinical skills and scope of practice***

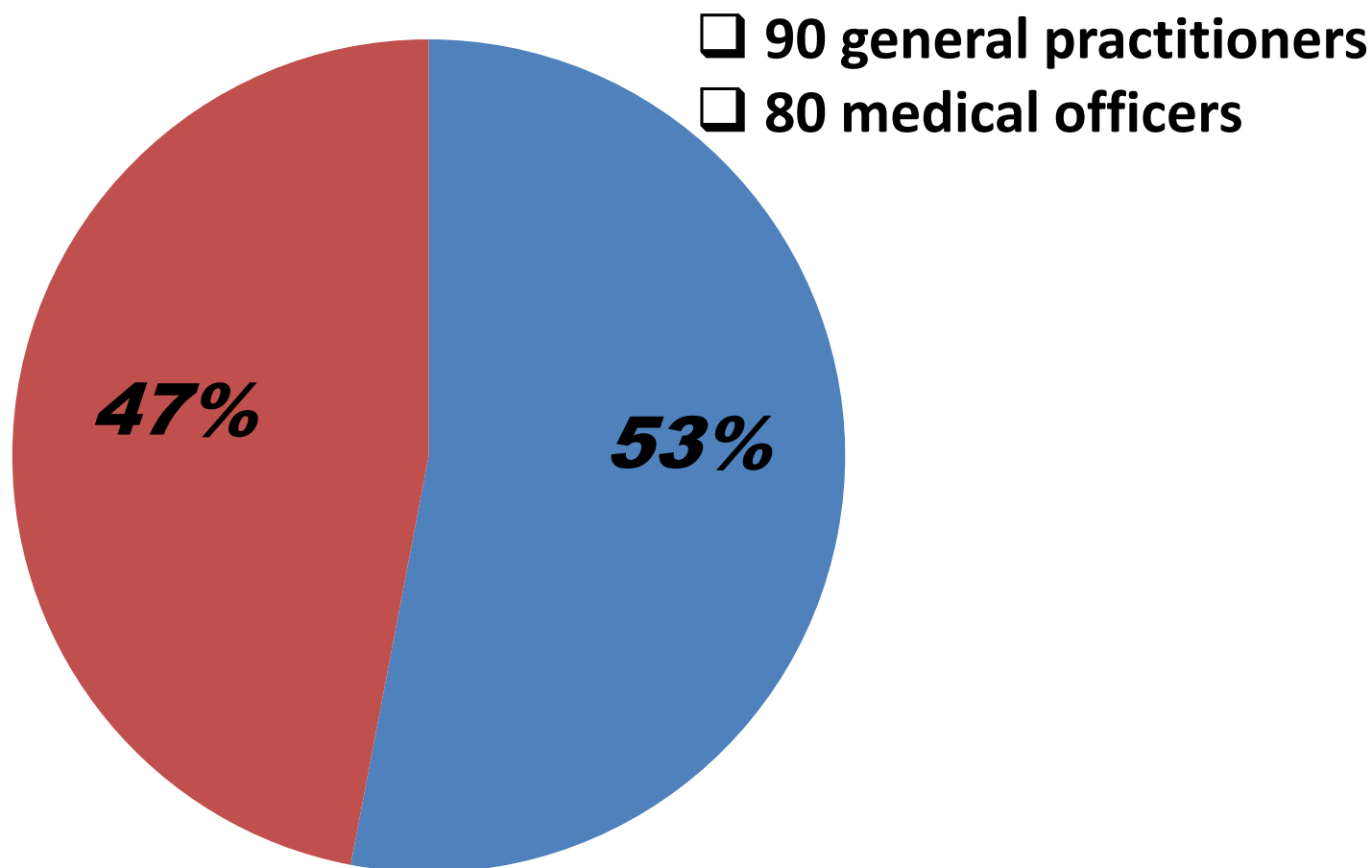
Study population and sampling strategy

- ❑ All GP's who attended "Induction and Orientation" sessions at NHI pilot districts during April-June 2014 has been invited to participate in the survey.
- ❑ PHC facilities supported by family physicians and associated with the applicant/co-applicant departments were selected. All MO's working at these primary care facilities were invited to participate.



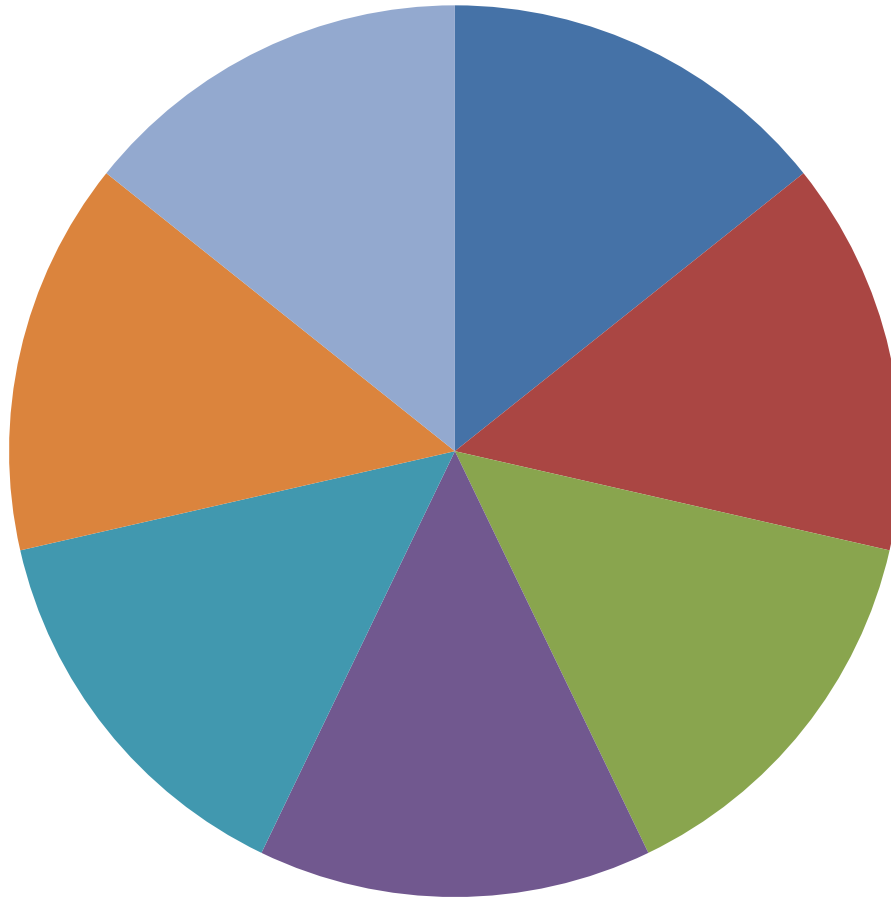


Sample size





Data collection: GP's



- Tshwane (Gauteng)
- Pixley Ka Seme (Northern Cape)
- Thabo Mafutsanyana (Free State)
- Vhembe (Limpopo)
- Gert Sibande (Mpumalanga)
- Umzinyathi (KZN)
- Dr Kenneth Kaunda (North West)



Data collection: MO's

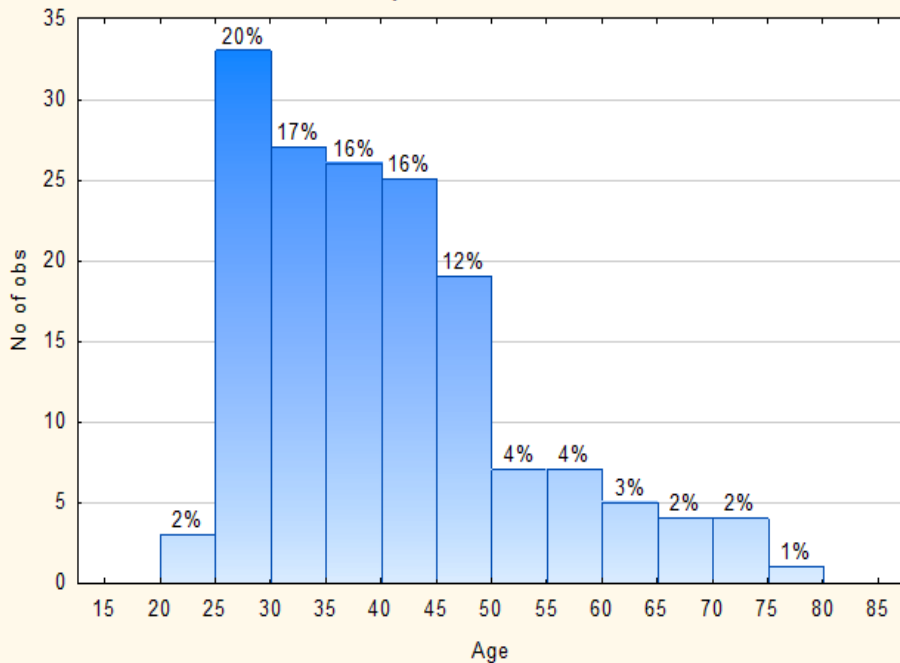


- Western Cape 17%
- Tswane (Gauteng) 13.7%
- KZN 22.5%
- Limpopo 17%
- Free State 25%

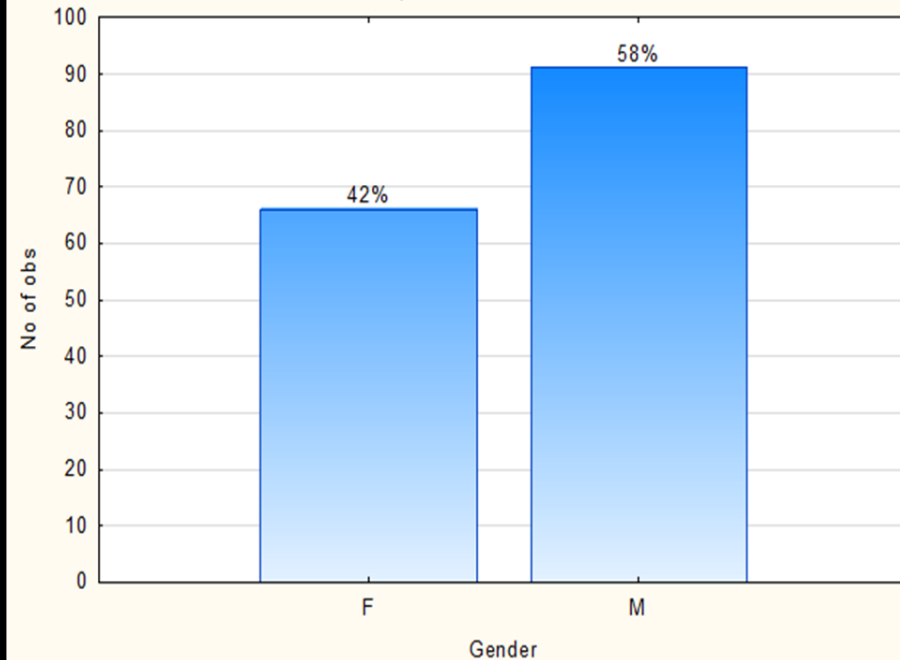
Age & Gender: whole group



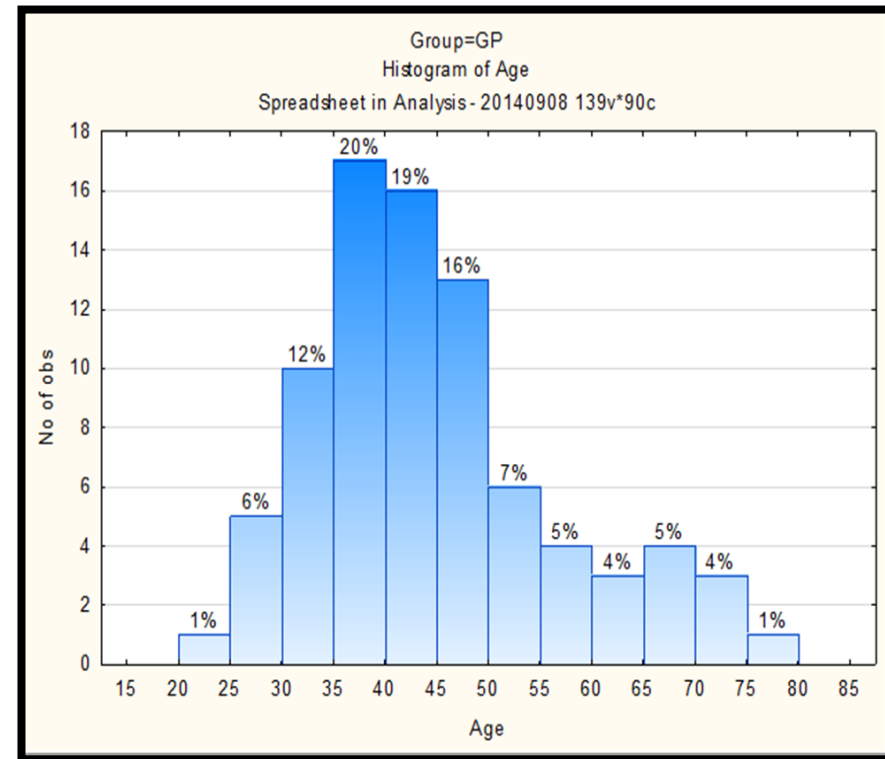
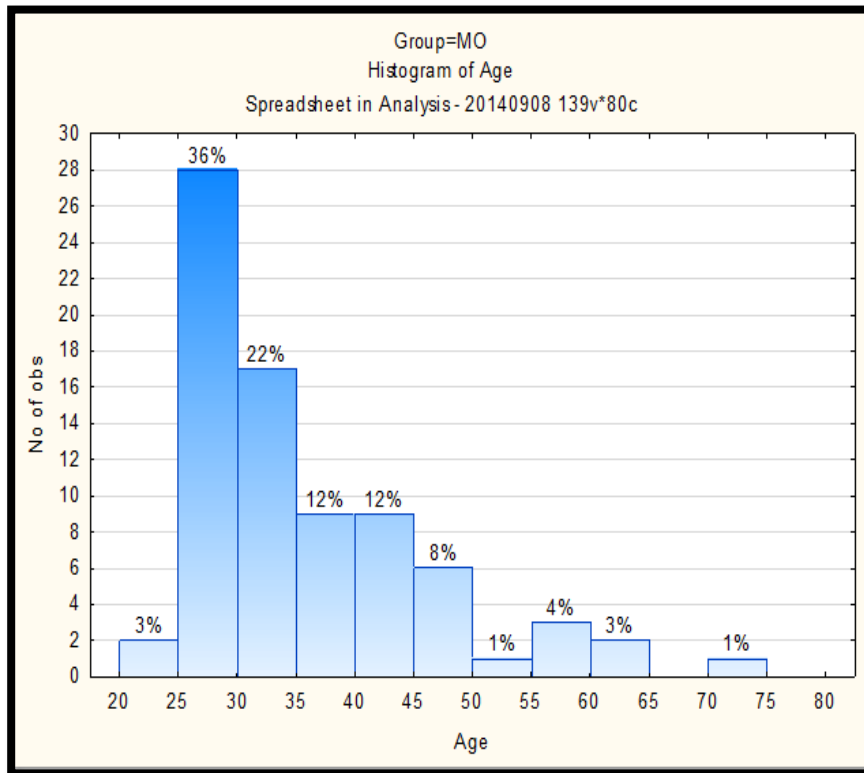
All Groups
Histogram of Age
Data in Analysis - 20140908 139v*170c



All Groups
Histogram of Gender
Data in Analysis - 20140908 139v*170c



Age: MO/GP

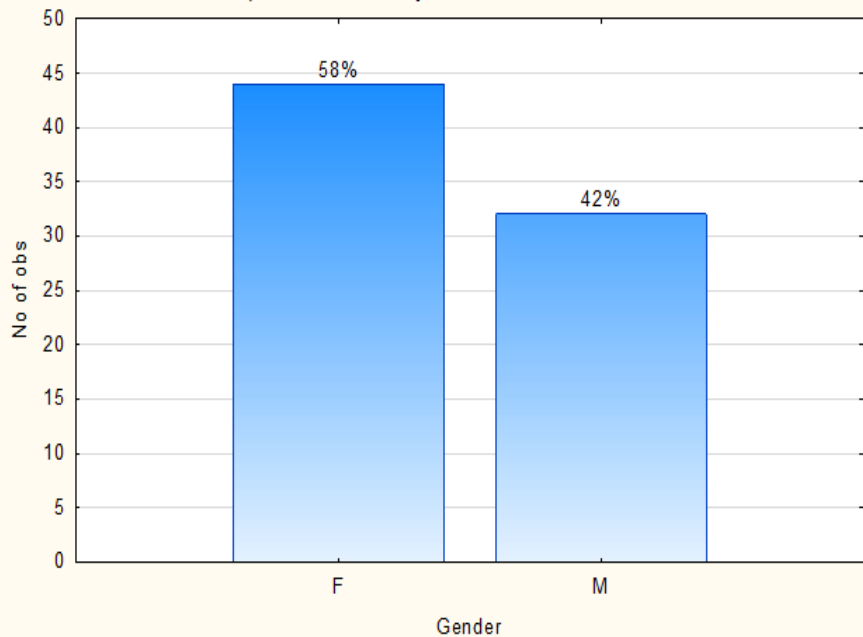




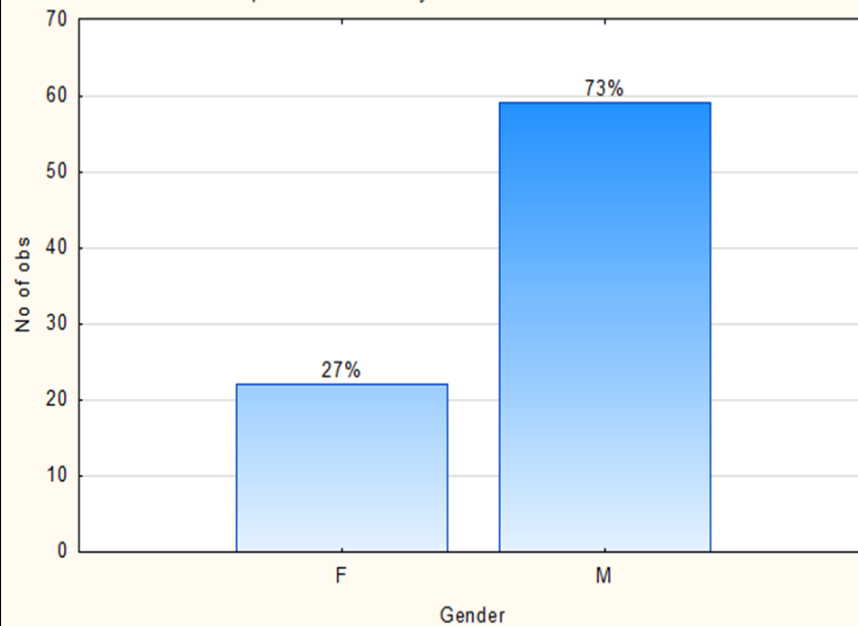
Gender MO/GP



Group=MO
Histogram of Gender
Spreadsheet in Analysis - 20140908 139v*80c

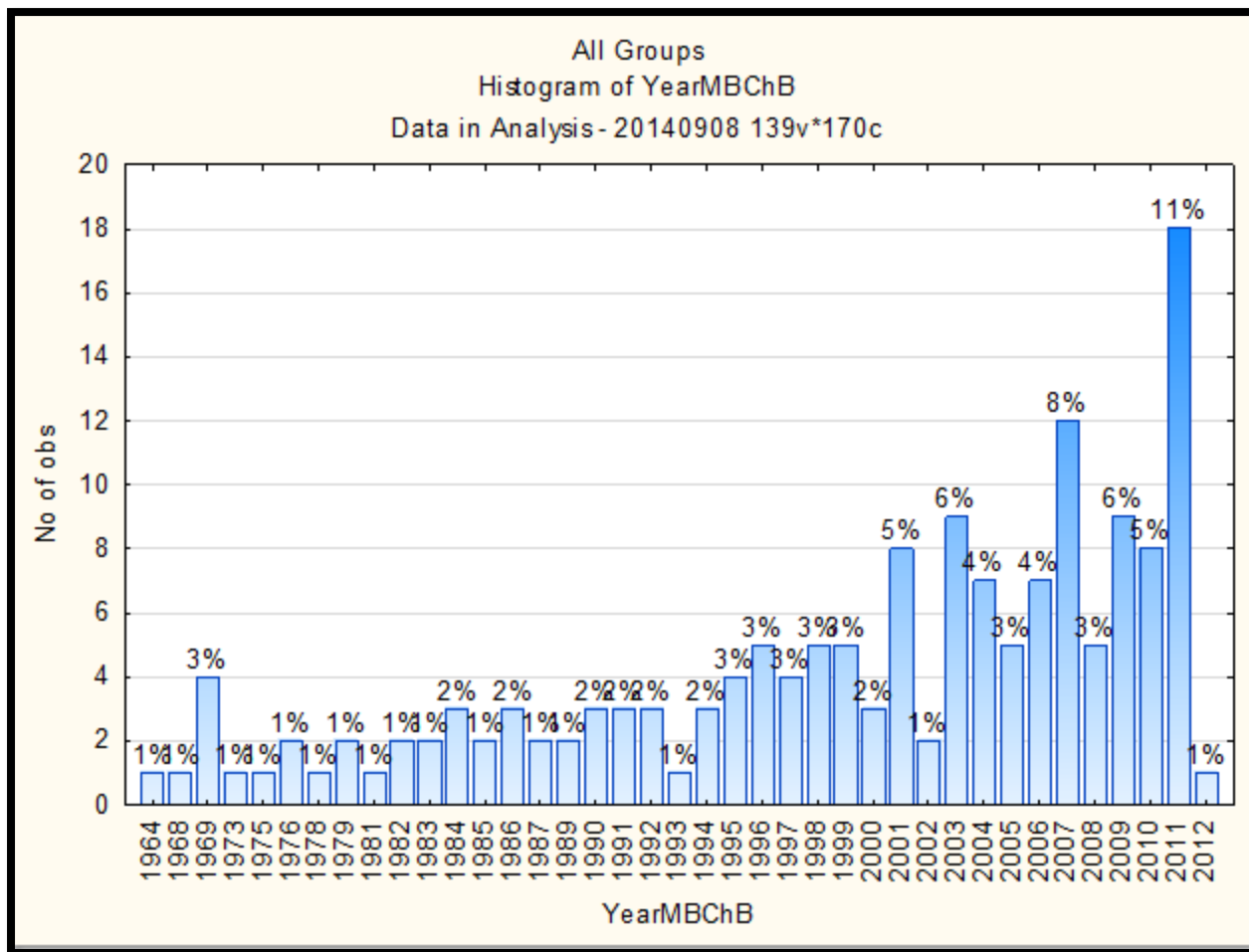


Group=GP
Histogram of Gender
Spreadsheet in Analysis - 20140908 139v*90c





Year of MBChB: whole group

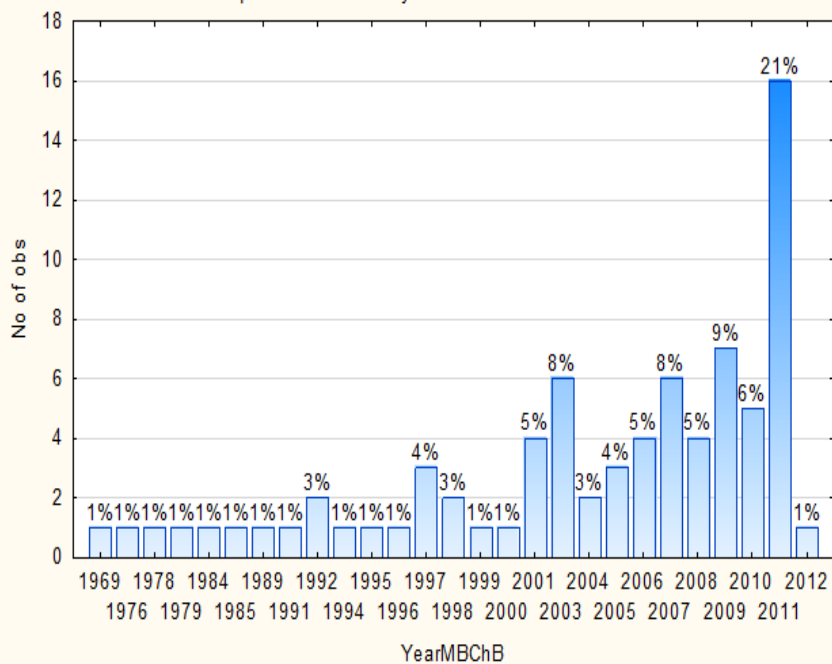




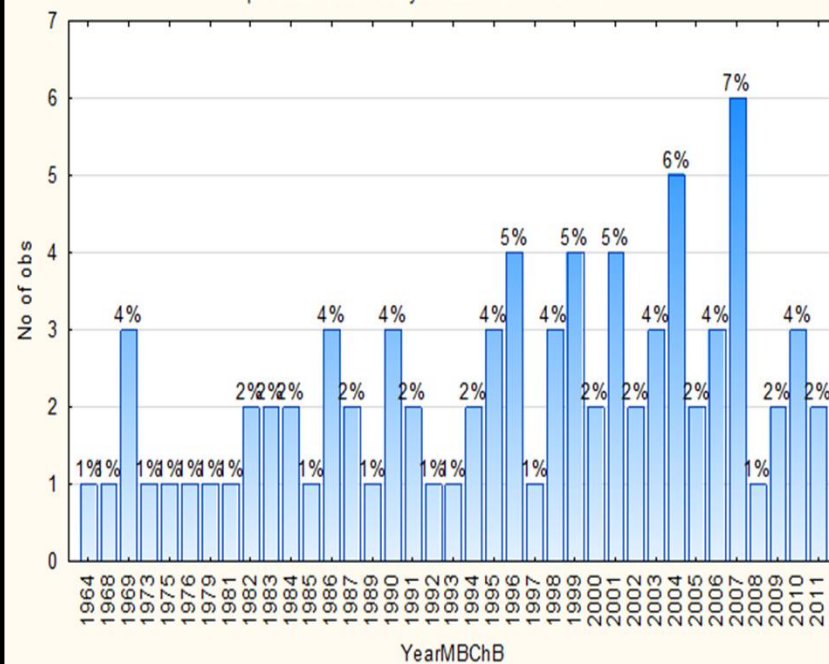
Year of MBChB: MO/GP



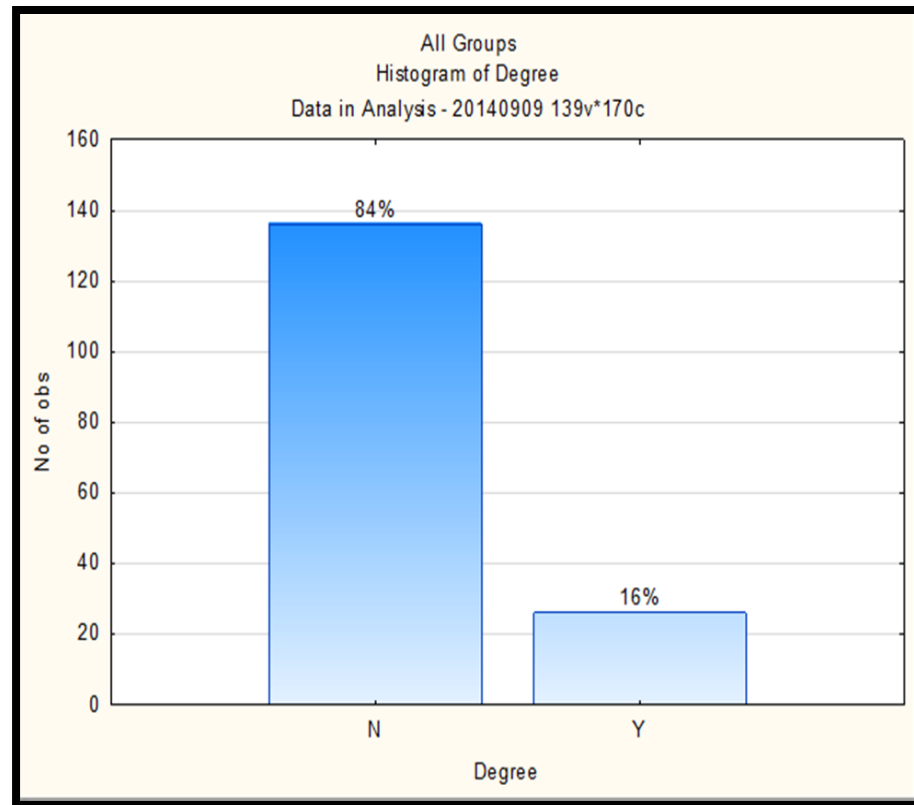
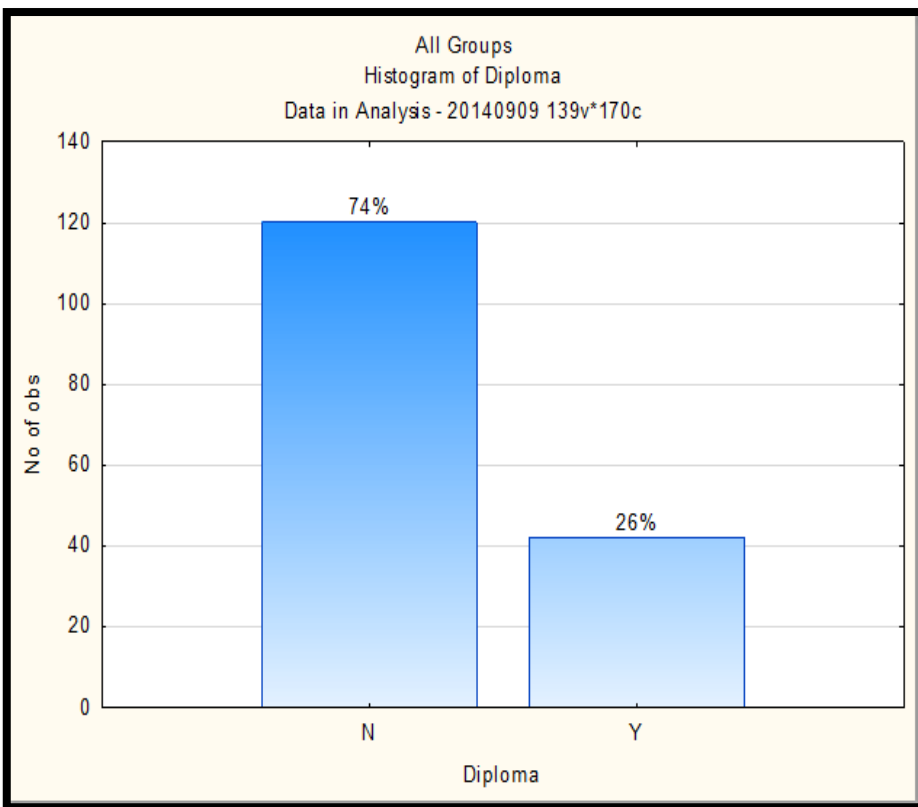
Group=MO
Histogram of YearMBChB
Spreadsheet in Analysis - 20140908 139v*80c



Group=GP
Histogram of YearMBChB
Spreadsheet in Analysis - 20140908 139v*90c

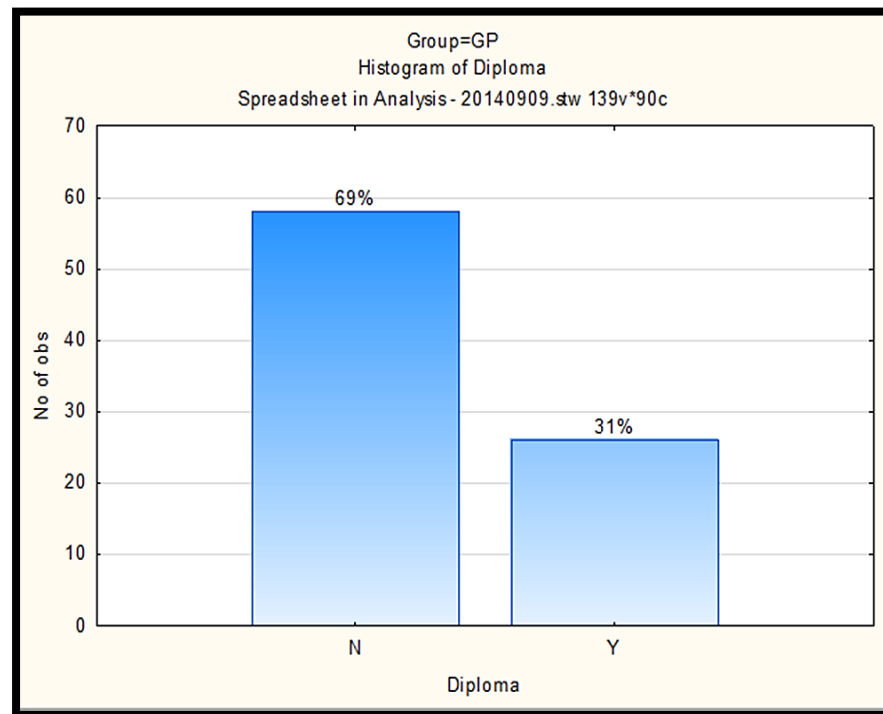
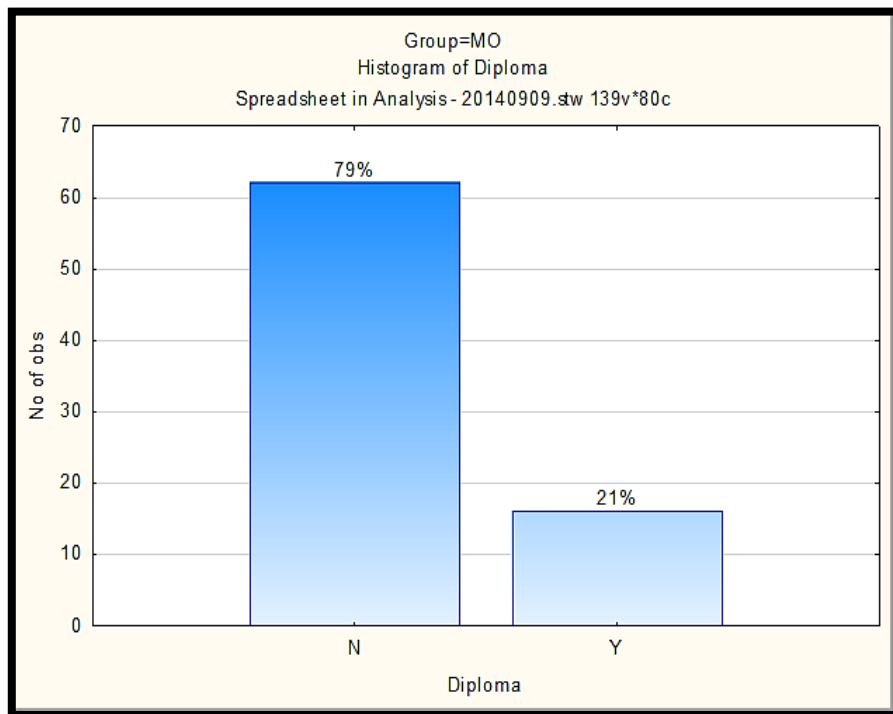


Additional Qualifications: whole group

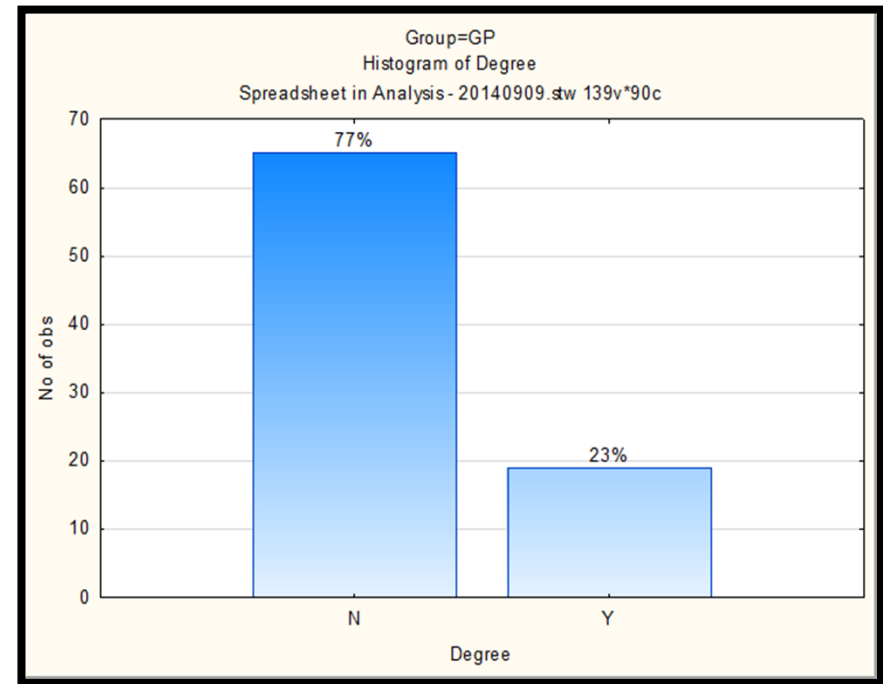
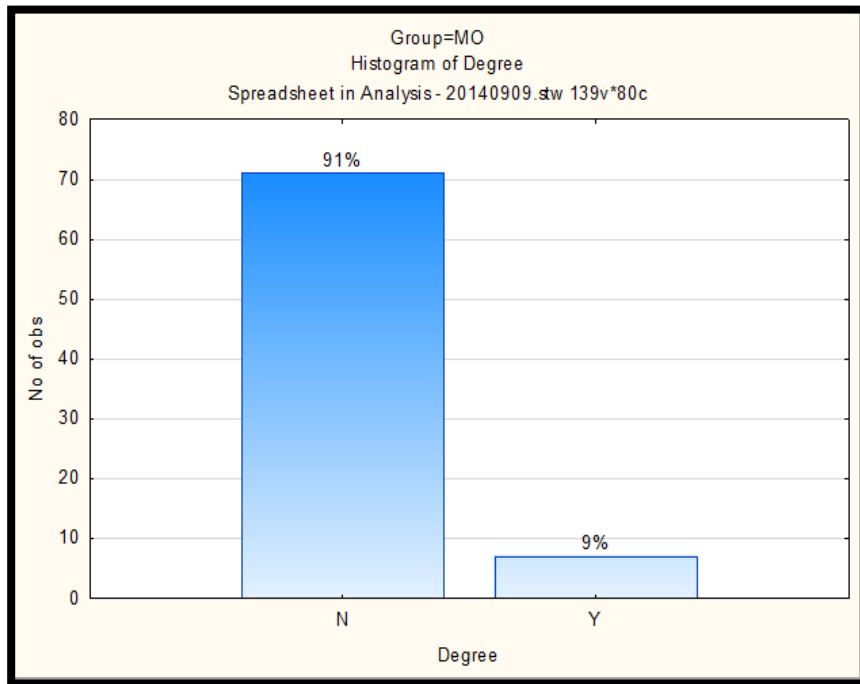




Diploma: MO/GP



Degree: MO/GP





Questionnaire



Awareness of the National guidelines used in primary health care:

Primary care doctor's familiarity with key national guidelines across the burden of disease.

Clinical skills:

Primary care doctor's practice with regard to a list of clinical skills relevant to primary care extracted from the national list for the training of family physicians.

Scope of practice:

Primary care doctors self-reported competency to fulfil key roles in future primary care such as supporting collaborative inter-professional practice, mentoring and training other health workers, working with ward-based outreach teams.



Validation



The questionnaire has been validated in terms of its construct and content with an expert panel, drawn from the co-applicants and stakeholders:

- National DOH** directorate for PHC and the national technical task team on GP contracting.
- Departments of Family medicine and Primary Care** at: Witwatersrand, Kwa-Zulu Natal, Pretoria, Limpopo, Stellenbosch, Free State, Cape Town, Walter Sisulu University
- The **national education and training committee** of the SA Academy of Family Physicians

The questionnaire was piloted with 3 private GP's and 3 public MO's



Questionnaire



Section 1

Awareness of the National Guidelines used in primary health care.

1. I am not aware of/ have not read the guideline.
2. I have read the guideline
3. I am already implementing this guideline in my clinical practice.
4. I am able to teach this guideline to other health workers.

Section 2

Clinical Skills

1. I have not had training in this skill
2. I have been trained, but have not performed this skill in the last year.
3. I have performed this skill in the last year.
4. I have taught this skill to others in the last year.

Section 3

Scope of Practice

1. Not confident, e.g. I have never taken on this role as a primary doctor.
2. Some confidence, e.g. I have taken on this role in the past, but not in the last year.
3. Reasonably confident, e.g. I have taken on this role in the past.
4. Very confident, e.g. I could be a role-model to the primary health care team for this role.

Section 1: Awareness of the National Guidelines used in primary care

1. I am not aware of/ have not read the guideline.
2. I have read the guideline
3. I am already implementing this guideline in my clinical practice.
4. I am able to teach this guideline to other health workers.



Section 1: Data Analysis

Guideline	All: Mean Score (CI)	GP's: Mean Score (CI)	MO's : Mean Score (CI)	P value
Standard Treatment Guidelines and Essential Medicine List for Primary Health Care in South Africa, 2012	2.67 (2.53-2.81)	2.44 (2.23-2.66)	2.92 (2.77-3.07)	0



Awareness of the National Guidelines used in primary health care

In pairs:

**What are the implications
of these results for the
design of the diploma?**



Section 2: Clinical Skills



1. I have not had training in this skill
2. I have been trained, but have not performed this skill in the last year.
3. I have performed this skill in the last year.
4. I have taught this skill to others in the last year.

Section 2: Clinical Skills

Skill	All: Mean Score (CI)	GP's: Mean Score (CI)	MO's : Mean Score (CI)	P value
Femoral vein puncture	2.95 (2.80-3.10)	2.70 (2.48-2.92)	3.21 (3.02-3.40)	0



Clinical Skills

In pairs:

What are the implications of these results for the design of the diploma?



Section 3: Scope of practice



1. Not confident, e.g. I have never taken on this role as a primary doctor.
2. Some confidence, e.g. I have taken on this role in the past, but not in the last year.
3. Reasonably confident, e.g. I have taken on this role in the past year.
4. Very confident, e.g. I could be a role-model to the primary health care team for this role.

Section 3: Scope of Practice

Question	All: Mean Score (CI)	GP's: Mean Score (CI)	MO's : Mean Score (CI)	P value
Using a bio-psycho-social approach to the assessment of the patient	2.89 (2.75-3.03)	2.84 (2.63-3.05)	2.94 (2.76-3.12)	0.78



Scope of practice

In pairs:

What are the implications of these results for the design of the diploma?

Additional qualifications

DTM, DGH				
FAMMED				
FAMMED, M PUBLIC HEALTH				
FCFP, CTM				
FIN MAN, DIPL OCC HEALTH				
HEALTH MAN CERT				
HIV DIPL ETC				
M Business Lesdership				
M FAMMED				
M FAMMED				
M FAMMED				
M in PUBLIC HEALTH, CERT IN P HEALTH				
MBA				
MBCHB,DA				
MMED (FAM), BSc (HONS) PHARMA				
MMED (FAM), DIPLOMA PDM				
MMED FAMMED				
MMED PATH				
MPM				
MSc SPORTS MEDICINE				
PUBLIC HEALTH, COMMUNITY MED				
SPECIALIST OG, COMPETENCE HOSP MAN				
STRAT MAN CERT				
SURGICAL SKILL CERT				
UGD,EMERGENCY CERT, HOSPITAL MAN				
UNIV EDUCATION DIPL, B SIENCE, B OF SCIENCE (HONS)				



Ethics approval & Data Analysis



- Approved by the Health Research Ethics Committee, Stellenbosch University; (Protocol number : N/4/03/027)
- Data analysis was done with the help of the Division for Research Development and Support, Stellenbosch University.

Survey of learning needs

Thank you!

Questions?