Past, Present, and Future of OHN Practice in Hungary

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2:30 – 3:15 PM
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Learning Objectives

1. Describe working conditions and the state of health, lifestyle, and health behavior of OHNs in Hungary

1. Making definit suggestions for the future development of the Hungarian OHN system

<u>References</u>

- Hirdi H, Téglásyné BM, Balogh Z. (2013) A foglalkozás-egészségügyi szolgálatokban dolgozó egészségügyi szakdolgozók helyzete napjainkban a MESZK országos felmérése alapján. Foglalkozás-egészségügy, 1: 42-50.
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- Hirdi H. (2014) Occupational Health Nursing Education – Past, Present, Future. PhD Thesis

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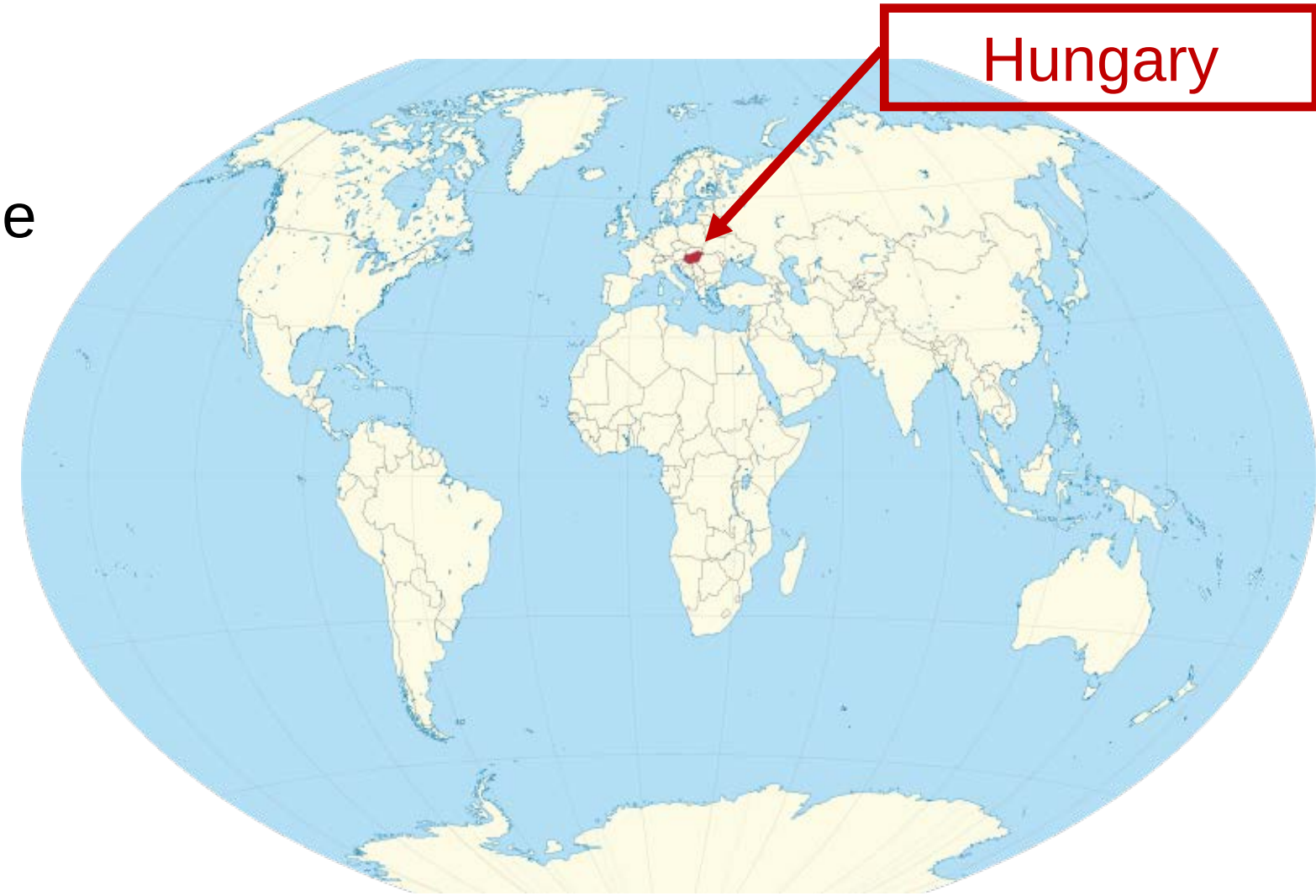
A Few Facts About Hungary

- Location: in Central Europe
- Area: 35,919 sq mi
- Foundation: 895 AD
- Capital: Budapest
- Population: 9,9 million
- Language: Hungarian
- Flag:



http://commons.wikimedia.org/wiki/File:Hungary_in_the_world_%28W3%29.svg

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Pioneers of OHN Services in Hungary

- Zsuzsánna Kossuth (1848) - head nurse in all of Hungary
- Mária Csermák (1883) - silver & copper mines of Rudabánya

http://www.rudabanya.hu/hu/rudabanya_tortenete.html; http://keptar.oszk.hu/021800/021812/kossuth_219_nagykep.jpg; http://www.dunakanyarregio.hu/index_article.php?cikk=3541

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First Course in Factory Nursing

- in 1933 led by Mária Baloghy in Budapest
- strict admission requirements
- probation period: 2 months
- political support from 1935
- Length of study: 1.5-2 years
- 6 educational day per week
- 2400 hours
- 50% practical activities, 50% theoretical activities
- monthly continuing education seminar series to keep up to date

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Present

- several regulations relevant to health, safety, and welfare at work
- OHS is obligatory in Hungary
- OHS covered almost 80% of workers in organized employments
- 1 OH setting (1 full-time physician and 1 full-time nurse) may cover up to 1000-2000 workers

Physicians providing occupational health care	**2654**
Nurses working in occupational health units	**2649**
Nurse-Worker Ratio	**1:1504**

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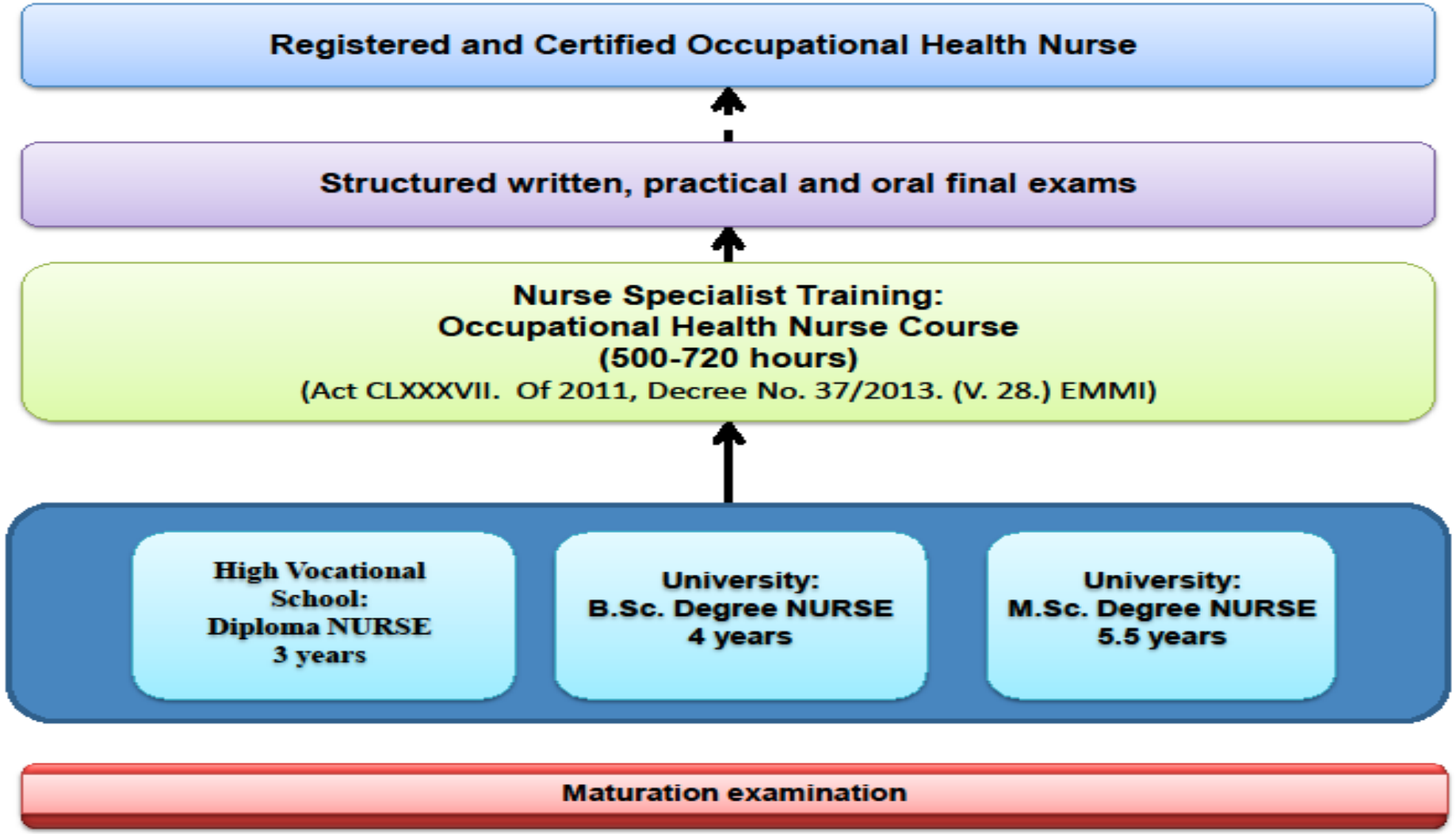
Present OHN Specialist's Education



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Introduction of the Council

- Council of the Hungarian Paramedical Professionals (www.meszk.hu)
- formed in 2004
- professional representative and local governmental body
- legitimated and licensed by law, with regulated licenses
- based on compulsory membership
- 18 professional sections
- provide continuing education and professional development
- from 2009 the member of FOHNEU

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Cross-sectional survey in 2012

- conducted between 13 July 2012 and 31 October 2012
- the first survey among nurses working in occupational health units in Hungary
- convenience sampling method
- web-based, anonymous, self-completion questionnaire
- completed by 344 nurses

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Overview of Survey Process

PREPARATION

Information gathering, interviews
10/2008 - 12/2011

Overall Survey Project Design
01-03/2012

Development of a paper-based Questionnaire
03/2012

Permission Request
04/2012

TESTING

Web-based Questionnaire Design,
Pilot Test Procedures
01-30/06/2012

Test survey closed,
Assess measurement quality,
Data Analysis
01-08/072012

SURVEY DATA COLLECTION

Define target sample
10/07/2012

Development final web-based Questionnaire
10/07/2012

1. Invitation letter, Survey started
12/072012

2. Invite Respondents
Survey Deadline Extended
25/09/2012

Survey closed
31/10/2012

PRODUCE SURVEY RESULTS

Analysing Data,
Reporting & Disseminating Survey Findings
11-12/2012

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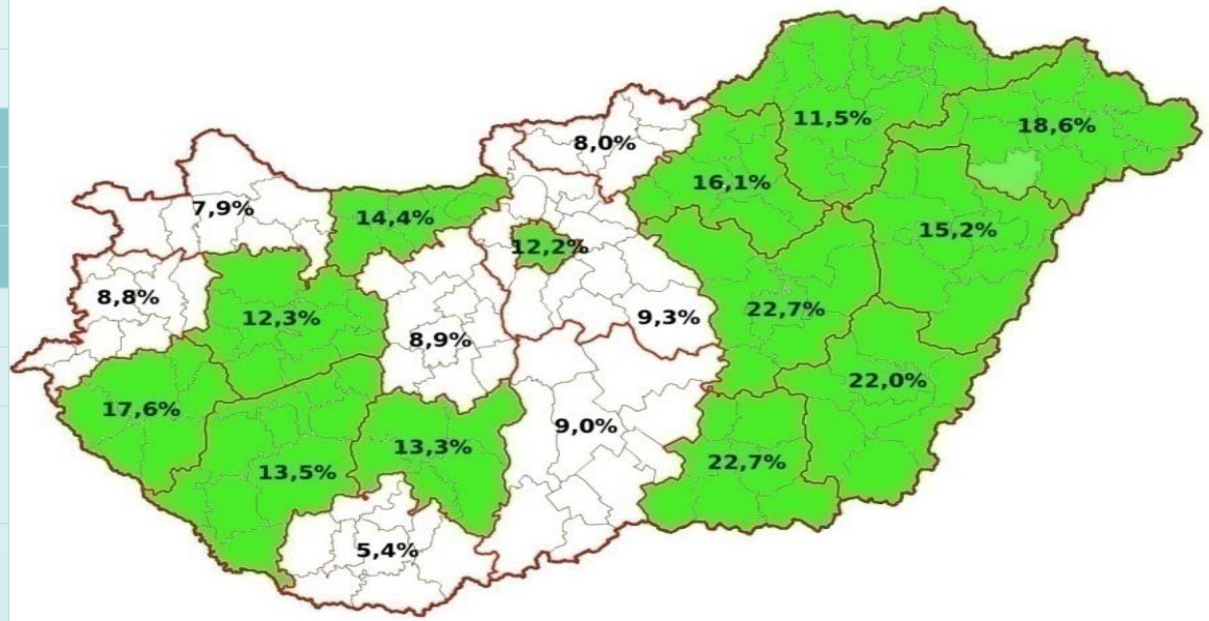
Socio-demographic and employment characteristics of the respondents (N=344)

Gender, %	Male	2.6
	Female	97.4
Age, years	Average	44.59
	St. Deviation	8.78
	Median	44
Nursing experience in the field, years	Average	15.87
	St. Deviation	10.32
	Median	14
Employment status, %	Employee of an organisation	54
	State emolyee	41
	Self-employed (without personnel)	3.5
	Member of Business Association	1.5
Work time status, %	Full-time	80.8
	Part-time	19.2
Duration time of employment contract, %	Permanent	90.7
	Fixed term	6.1
	Don't know	3.2



National response rate: 12.3%

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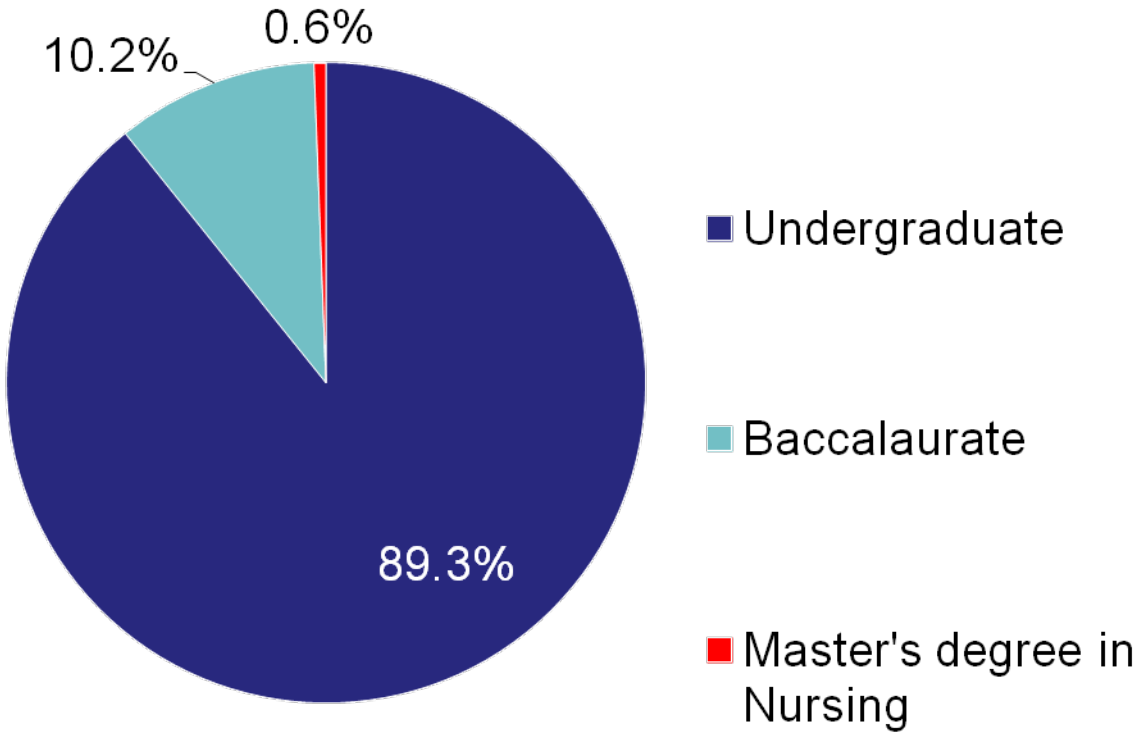
Education level (N=344)



Specialist Nursing Certificates

Community Health	9.3%
Occupational Health	45.9%
Intensive care	3.5%
Hospice	0.3%
Diabetology	0.3%
Physiotherapy	5.2%
Laboratory	1.2%
Emergency	5.8%
None	56.1%

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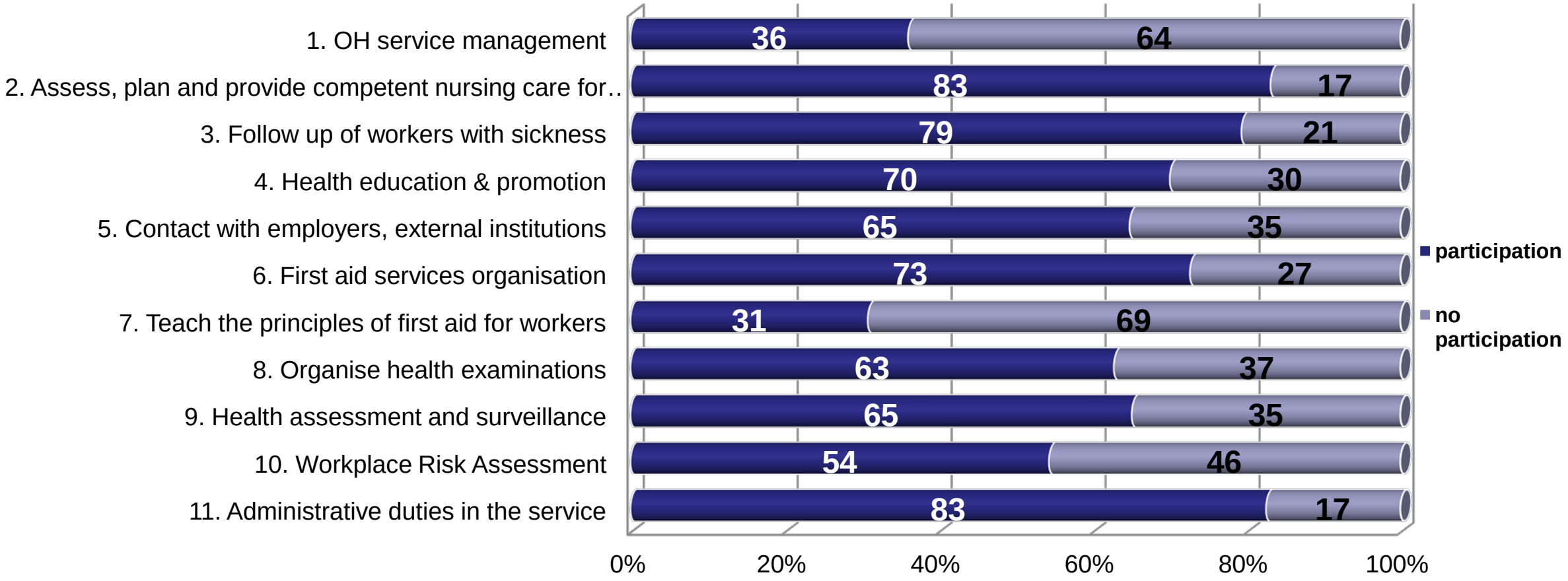
The main duties of Nurses (N=344)



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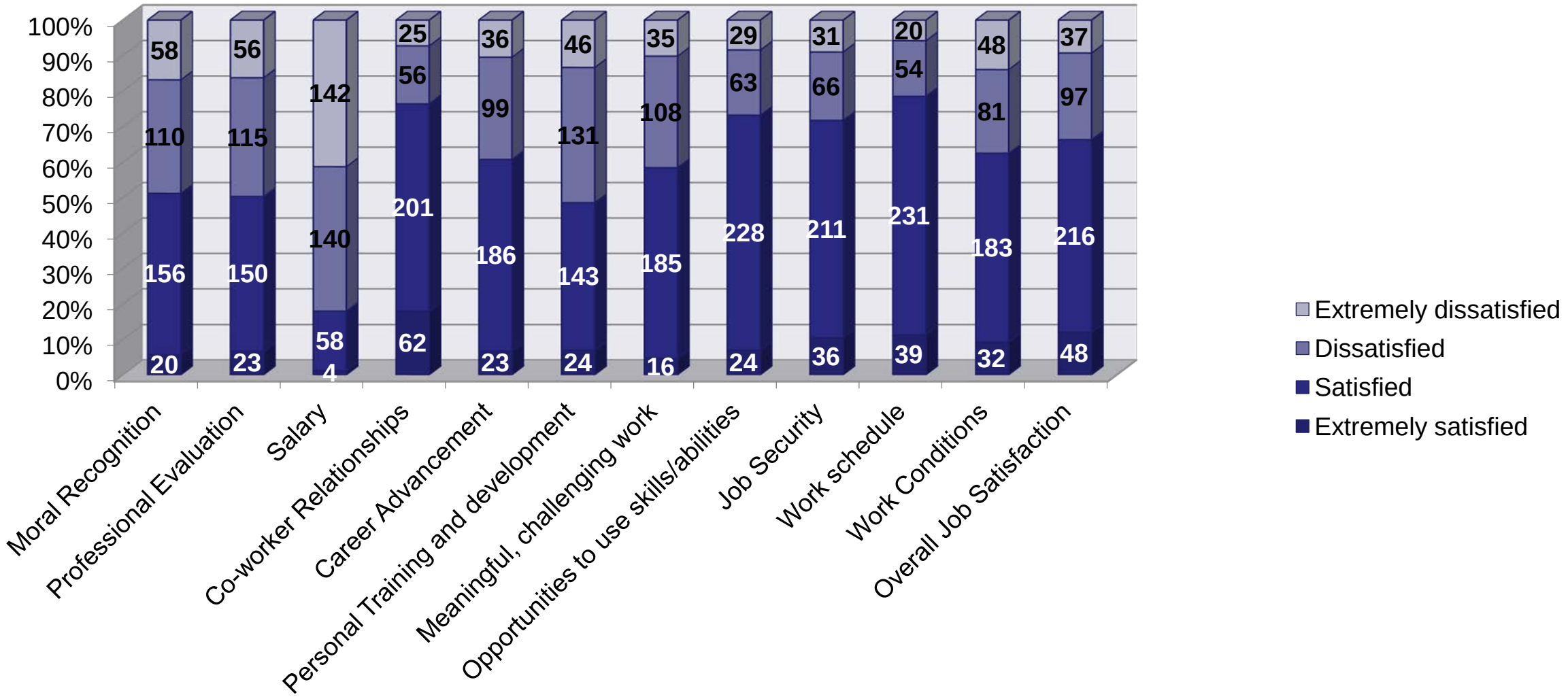
Job Satisfaction (N=344)



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State of health of female Nurses (N=335)

- Average health value 3.4 on a scale of fivegrades (SD: 0,79)
- only 8% judge their state of health to be very good
- 31.64% are overweight, 20.6% are obese
- 27.06% are smoker
- 43% don’t participate in any kind of sports/physical activity
- 69,3% have chronic disease
- The respondents most frequently indicated back and lumbal pain, and sleep disorders.

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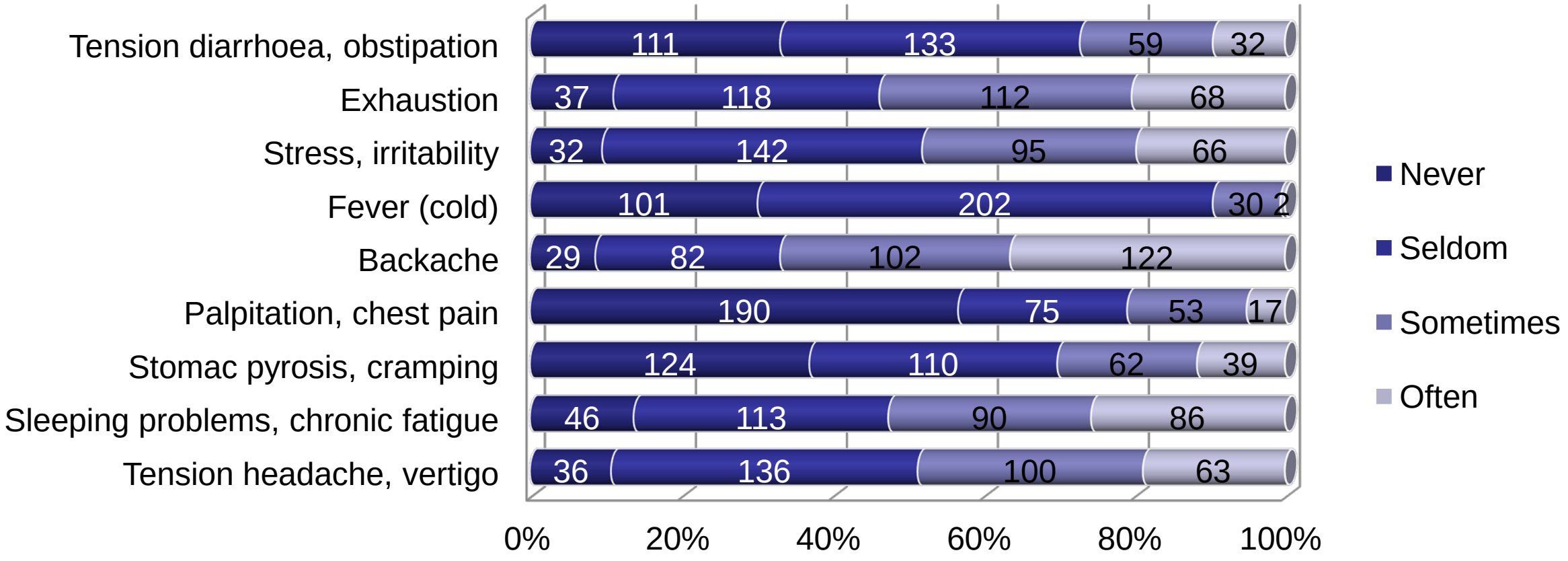
Frequency of common psychosomatic symptoms among female respondents (N=335)



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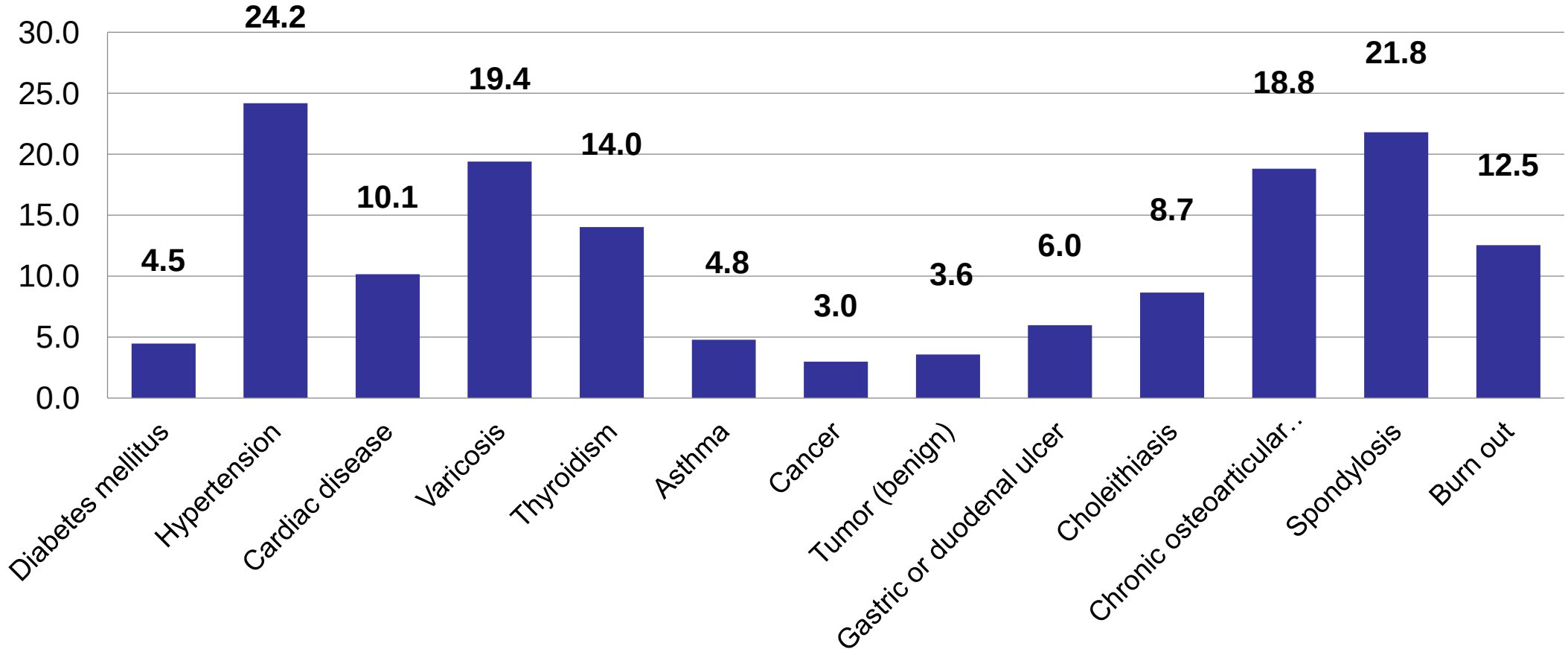
The most frequent morbidity in percentage among female respondents (N=335)



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Future

- The future developments of OHN are strongly emphasized by the Council
- Employ nurses with occupational health nursing certificate, train those who has basic nursing education
- Communicate the OHN role → Promotion of the profession
- Link education and practice to business needs

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