



**OVIDIUS UNIVERSITY CONSTANTA**  
**FACULTY OF DENTAL MEDICINE**



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**DESCRIPTION of the ORAL HEALTH CARE in ROMANIA**

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# THE COUNTRY - ROMANIA

- **LOCATED** in the South-Eastern part of Europe, in the north of the Balkan Peninsula;

- **NEIGHBOURS:** Ukraine and Moldavia (north and north-east), Bulgaria (south), Serbia (south-west), Hungary (west);

- **SURFACE:** 237.500 sqkm;

- the annual **POPULATION GROWTH RATE:** 10.4‰ in 2000, and 10‰ in 2004 (after this year the rate slowly increased);

- 2007: total **POPULATION** = 21610200 (48.8% males; 51.2% females);

- 55% (12 millions) live in urban areas and 45% - in rural areas;

**CAPITAL – BUCHAREST** (228 kmp, 2.287.000 people – 10% of population)



# Romania

Regiuni Istorice  
Judete  
Historical Regions  
Counties



THE COUNTRY IS  
ADMINISTERED AS 40  
DISTRICTS (COUNTIES)  
AND A **MUNICIPALITY**

**BUCHAREST**

# THE HEALTH INSURANCE SYSTEM

1998 – STATUTORY HEALTH INSURANCE SYSTEM –administered centrally by

**the NATIONAL  
HEALTH  
INSURANCE HOUSE  
(CNAS)**

at a district  
level by 41  
**DISTRICT  
HOUSES OF  
HEALTH  
INSURANCE**

**HEALTH INSURANCE  
HOUSE FOR DEFENSE,  
PUBLIC ORDER,  
NATIONAL SECURITY  
AND JUDICIAL  
AUTHORITY (OPSNAJ)**

for the  
**MILITARY PERSONNEL,  
POLICE AND  
JUDICIAL SYSTEM**

**HEALTH INSURANCE HOUSE  
FOR THE MINISTRY OF  
TRANSPORT,  
CONSTRUCTIONS AND  
TOURISM (CASMTCT)**

workers in  
**TRANSPORT,  
COMMUNICATIONS  
AND TOURISM**

# THE HEALTH INSURANCE SYSTEM

INSURES THE ENTIRE POPULATION

FUNDED: a 12.5% tax on salaries

7% - EMPLOYERS

5.5% - EMPLOYEES

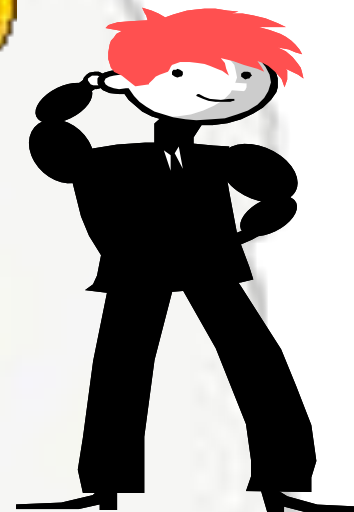
Are EXEMPT FROM PAYING CONTRIBUTIONS TO THE INSURANCE SYSTEM BUT STILL COVERED BY IT:

- people under 18 years of age,
- unemployed,
- pregnant and nursing (one year after the birth of a child) mothers,
- military personnel,
- war veterans,
- people in prison.

# THE PROVISION OF ORAL HEALTH CARE

**THEORETICALLY !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**

**The Statutory Health Insurance System Covers  
Dentistry**



**IN PRACTICE –**

**This Has Not Happened**

# CHILDREN and YOUNG PEOPLE < 18 YEARS



COVERED for



NOT COVERED for

		COVERED for	NOT COVERED for
<b>ONE annual consultation</b>			
<b>preventive treatment</b>	dietary and oral hygiene advices, topical fluoride applications, fissure sealants, preventive fillings		
<b>dental radiography</b>	intra- and extra-oral views		
<b>dental treatment</b>	amalgam and composite crown fillings, endodontic treatment		
<b>perio treatment</b>	conservative		periodontal surgery
<b>prosthetic treatment</b>	acrylic dentures, resin crowns, resin with metal crowns and cast metal crowns		ceramic crowns, metal-based dentures, prostheses covering implants
<b>orthodontic treatment</b>	removable and functional orthodontic appliances, space retainers, advice on controlling habits as thumb sucking		fixed orthodontic appliances
<b>oral surgery</b>	extractions, general anaesthesia, alveolar surgery, emergency immobilisation of the maxillary fractures, consultations for oral medical problems (cancer, ulcers)		dental implants

Treatments for **ADULTS** that are paid by the insurance system includes

<b>100% PAYMENT for</b>	<b>60% PAYMENT for</b>
emergency endodontic treatment (pulp dressing and drainage of periapical abscesses)	dental extractions
emergency treatment of periodontal abscesses	acrylic complete and partial dentures (acrylic resin removable prostheses with clasps)
consultations relating to the prevention of oral cancer,	resin with metal crowns
treatment of head and neck cancer	
emergency immobilisation of the maxillary fractures	

**Overall, it has been estimated that patients pay 90% of the cost of their dental treatment themselves.**

**THE DISTRICT  
HEALTH  
INSURANCE  
HOUSES**  
make contracts  
for the dental  
services with

**1. PRIVATE DENTAL OFFICES (clinics)**  
~60% of Romanian dentists own  
their dental offices (clinics)

**2. DENTISTS THAT DON'T OWN THEIR  
PRIVATE OFFICES** (working in  
buildings that are owned by the  
state and provided to them free of  
charge by the Government)

**3. DENTISTS WORKING as  
EMPLOYEES IN SCHOOLS AND IN  
UNIVERSITIES** (often part-time)

They also  
treat  
patients in  
the  
private  
system.

**NUMBER OF  
CONTRACTS of  
DISTRICT HEALTH  
INSURANCE  
HOUSES**

**LIMITED!**

**Dentists owning their  
private office**

**Less than 50%**

**Dentists working in  
Government owned-  
buildings**

**Bucharest ~10%**

**Some rural areas 60 – 70%**

**Dentists who qualified  
recently 30%**

**Just under 40% of Romanian dentists treat patients only in the private system.**

## THE DENTAL WORKFORCE

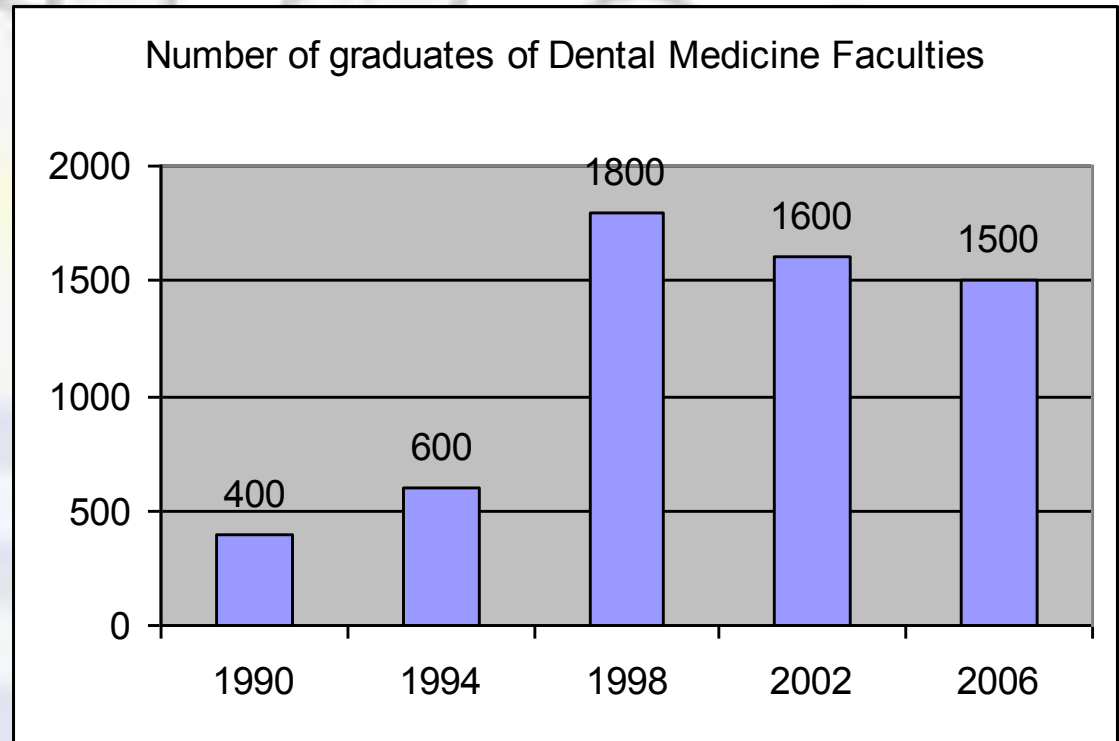
<b>2007:</b>  <b>15,075</b> <b>REGISTERED</b> → <b>DENTISTS,</b> mostly females (64.15%)	<b>IN ACTIVE PRACTICE</b>	<b>13,514</b> <b>(95.43%)</b>	<b>PRIVATE PRACTICE</b>
	<b>14,161</b> <b>(93.93%)</b>  mostly females <b>(64.14)</b>	<b>647</b> <b>(4.57 %)</b>	<b>ARMY</b> <b>PRISONS</b> <b>INTERNAL AFFAIRS</b> <b>SCHOOL OFFICES</b> <b>UNIVERSITIES</b> <b>EMERGENCY</b> <b>HOSPITALS</b>

The **ratio dentist:population** is:

- **1:1433.51** if we consider the total number of dentists and
- **1:1526.03** if we consider the number of the dentists working in active practice.

## THE DENTAL WORKFORCE

- since 1994, the number of graduating dentists in Romania have grown rapidly



- ~ 40% of dentists - over 45 years of age
- it seems that for the next 20 years only between 300 - 400 dentists will retire each year
- if this level of graduation is maintained, **it will generate many under- or unemployed dentists in Romania**

## THE DENTAL WORKFORCE

<b>DENTISTS</b>	14,161 in active practice	College (Board) of Dentists in Romania
<b>DENTAL HYGIENISTS</b>	fewer than 100 are working in Romania	Romanian Order Of Medical Assistants And Midwives
<b>DENTAL TECHNICIANS</b>	3,200 in 2002 6,980 in 2007	Order of Romanian Dental Technicians
<b>DENTAL NURSES</b>	approximately 5,900 dental nurses assisting dentists in Romania	Order of Romanian Medical Assistants



# DENTAL EDUCATION IN ROMANIA



## **DENTAL EDUCATION IN ROMANIA**

Dentists train in one of the 12 **DENTAL FACULTIES** of Romanian universities of which:

9 - public (state) faculties and

3 - private.

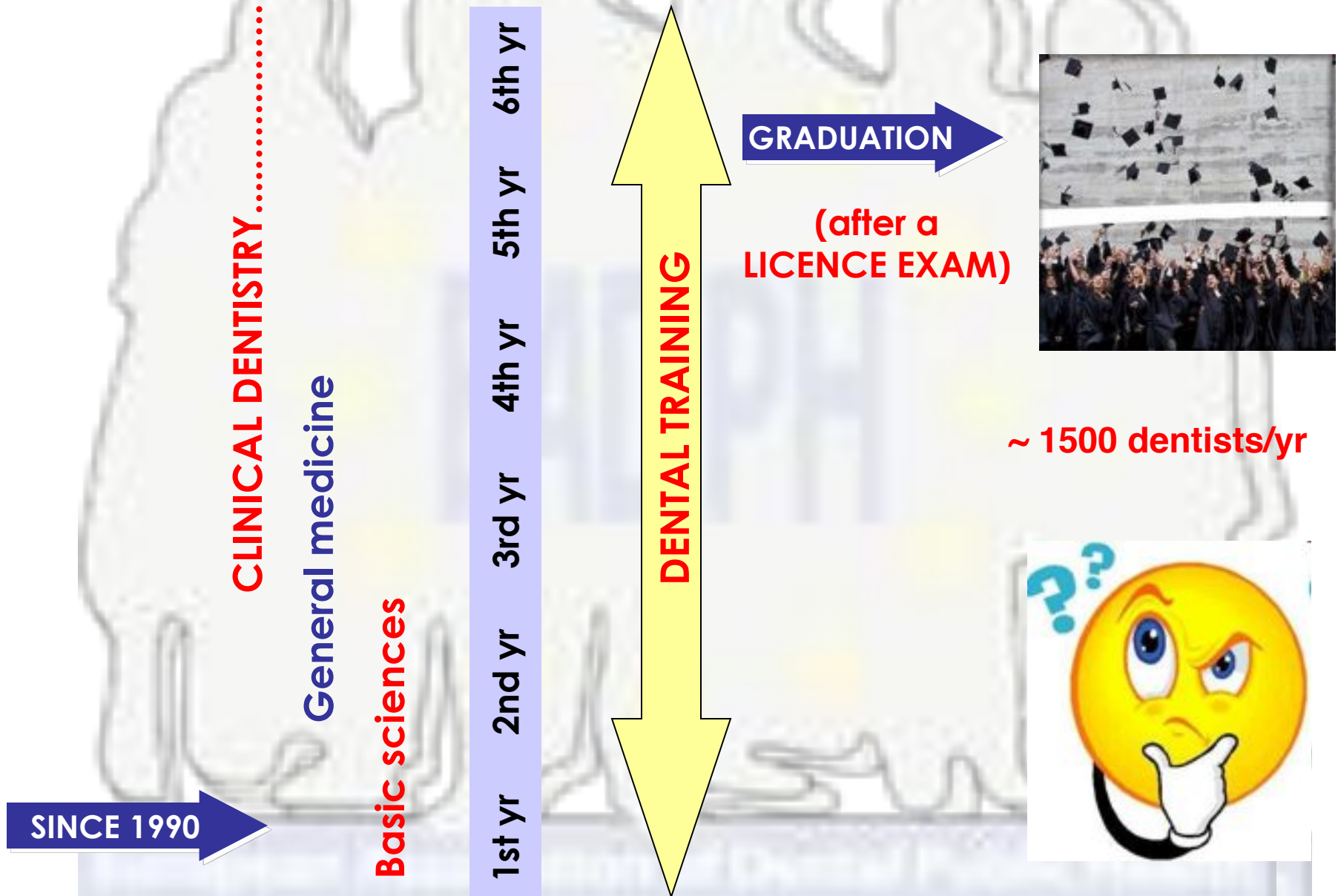
Those who attend **PRIVATE DENTAL SCHOOLS PAY FEES.**

Since 2004, the **Government has paid the fees of students who have attended STATE DENTAL SCHOOLS and gained the highest marks.**

The remaining 30-50% of students, with lower marks, pay their own fees.

Currently, 1500 new dentists graduate each year.

# Study of dentistry in Romania



## PRACTICE

- after the licence exam they get a **LICENCE for PRACTICE**
- working without supervision
- the professional monitoring (data, qualifications, professional informations) is carried out at a district level
- for continuing dental practice, they have to undertake 200 hrs of CPE (continuing professional education)/5 years (>than 20 hrs in any one year), delivered by the staff of the dental faculties and other dentists with professional probity, accredited by the Romanian Council of the College (Board) of Dentists

## POSTGRADUATE EDUCATION (SPECIALIZATION) in:

1. ORTHODONTICS - 10 places/yr (3 yrs full-time training)
2. ORAL (DENTO-ALVEOLAR) SURGERY - 25 places/yr (3 yrs full-time training)
3. MAXILLOFACIAL SURGERY – 5 places/yr (5 yrs full-time training)

**TRAINING PROGRAMS** - in accredited universities, following curricula adapted to the rules of the European Union.

NEW DENTISTS

## EDUCATION OF DENTAL HYGIENISTS



started in 1975 in 5 state universities, but was stopped after few yrs

1995 - 2002

2007 - present

3 yrs of full-time training in the Public Dental Medicine Faculties

Registered by the **ROMANIAN ORDER OF MEDICAL ASSISTANTS AND MIDWIVES**

Required to complete **CPE** hrs each year and to change their licence for practicing each 5 yrs

**DENTAL  
HYGIENISTS  
EDUCATION**

## EDUCATION OF DENTAL TECHNICIANS



### DENTAL TECHNICIANS EDUCATION

3 yrs of full-time training in the **TECHNICIANS COLLEGES**, organized by the Dental Medicine Faculties

they pass a qualifying examination and get a **LICENCE FOR FREE PRACTICE**

registered by the **ORDER OF ROMANIAN DENTAL TECHNICIANS**

required to complete **CPE** hrs each year in order retain the right to practise

## EDUCATION OF DENTAL NURSES



### DENTAL NURSES EDUCATION (chair-side assistants)

an educational program for dental nurses has existed for some 15 years

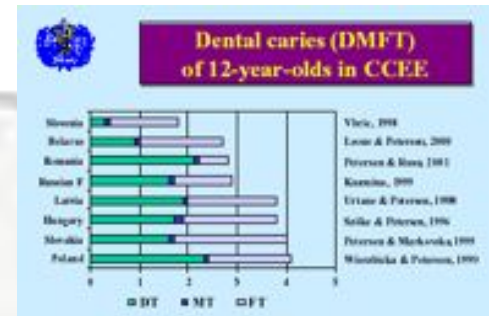
3 yrs of full-time training in the **COLLEGES**, organized by the Dental Medicine Faculties

They pass a qualifying examination and get a **LICENCE FOR FREE PRACTICE**

Registered by the **ORDER OF ROMANIAN MEDICAL ASSISTANTS**

Required to complete **CPE** hrs each year in order retain the right to practise

## EPIDEMIOLOGY



they have been **NO COMPREHENSIVE NATIONAL EPIDEMIOLOGICAL SURVEYS OF ORAL HEALTH**

**SOME LOCAL STUDIES** have been organised by the staff of Dental Medicine Faculties but without any overall plan

## EPIDEMIOLOGY

2 <b>"NATIONAL PATHFINDER"</b> studies of caries in 12-year-olds have been published [8,9], suggesting that:	1992	national mean DMFT for 12-year-olds was 4.1 [8].
	2000	national mean DMFT for 12-year-olds was 2.8 [9].

## COSTS

**4.8%** from GIP  
was given for  
**ALL HEALTH**



4.2% for the National Health Insurance  
House budget

0.6% for Preventive Programs administered  
by the Ministry of Public Health [1]

**2007**

**0.87%** from the total funds was allocated for **ORAL HEALTH**

Constanta  
and  
Iasi

**+**

just **under €100,000** was allocated by the  
Ministry of Public Health from the  
Preventive Programs budget for weekly  
rinsing with a fluoride solution by children  
[10].

An **unknown amount of PRIVATE FUNDS** were also paid  
for oral health care directly to dentists by patients  
themselves.

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***Thank you very much for your attention!***