

**Chinese Society of Therapeutic
Radiation Oncology
(CSTRO)**

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Rules

- **A branch of Chinese Medical Association (CMA)**
- **Non-governmental Organization (NGO)**
- **Characteristics**
 - Commonwill**
 - Academic**
 - Non-profit**

Names/institutions of Officers

- **President: 1 person**
Elected every 3years
- **Vice President: 4 persons**
- **Standing committee: 25 persons**
- **Boarding committee: 72 persons**
Renew 1/3 every 3years

Foundation and First National Meeting of CSTRO

- ◆ Founded in Oct. 1986
- ◆ Total employees: 4963
- ◆ Total RT centers: 246
- ◆ First meeting: Xian, 1986
- ◆ First President: Gu Xian Zhi



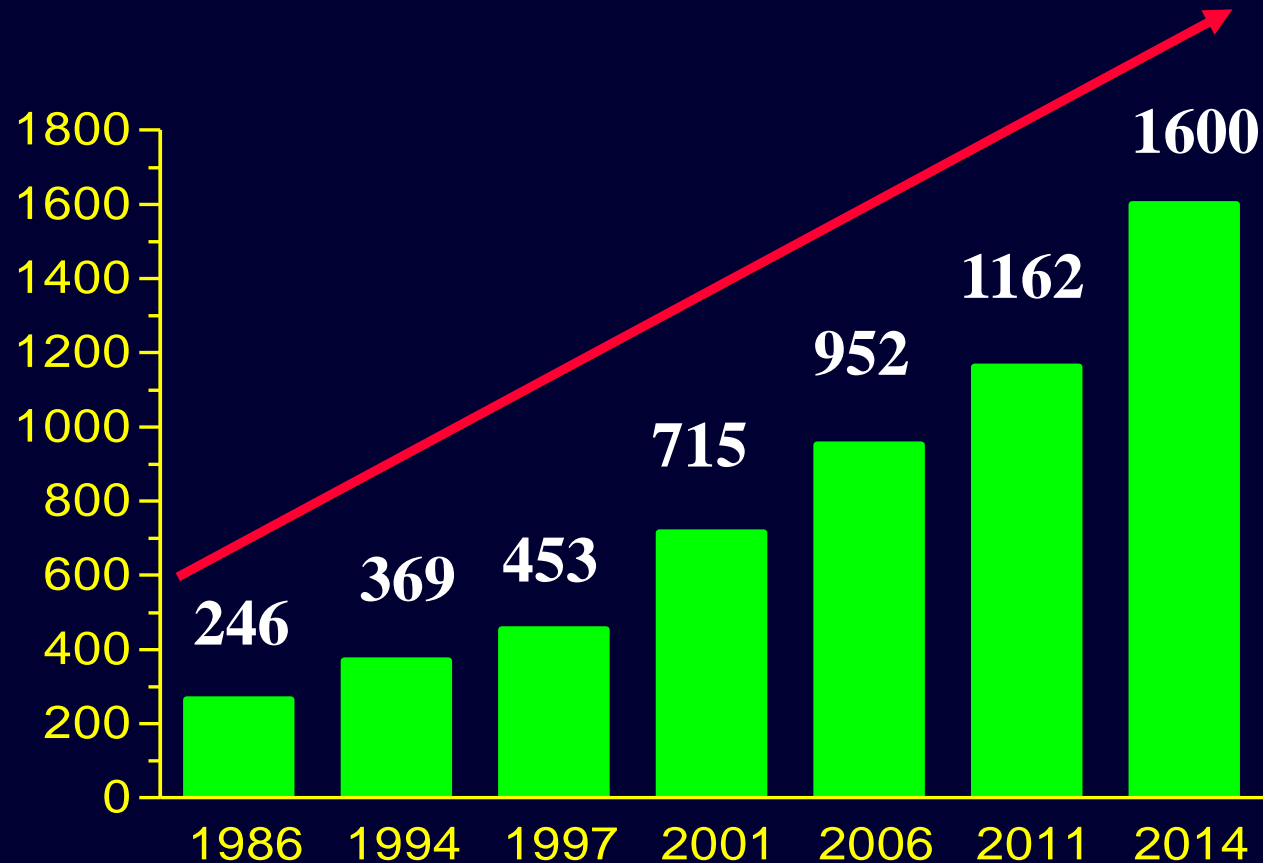
中华医学会放射肿瘤学会成立大会暨首届学术会议全体代表合影 一九八六年十月二十八日



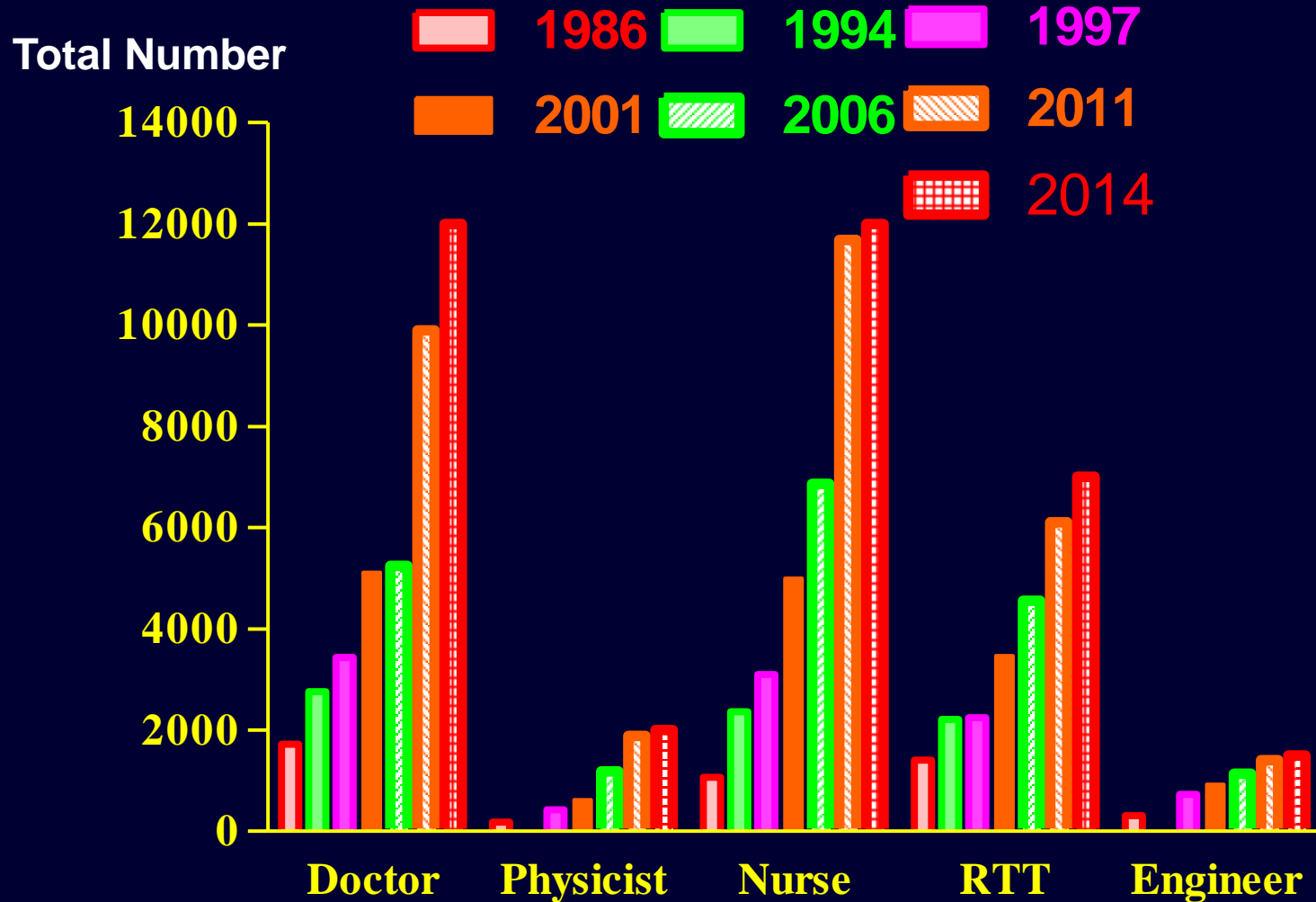
Current Status of Radiation Oncology in China

- ◆ Radiation Centers
- ◆ Member
- ◆ Equipment
- ◆ Advanced technique

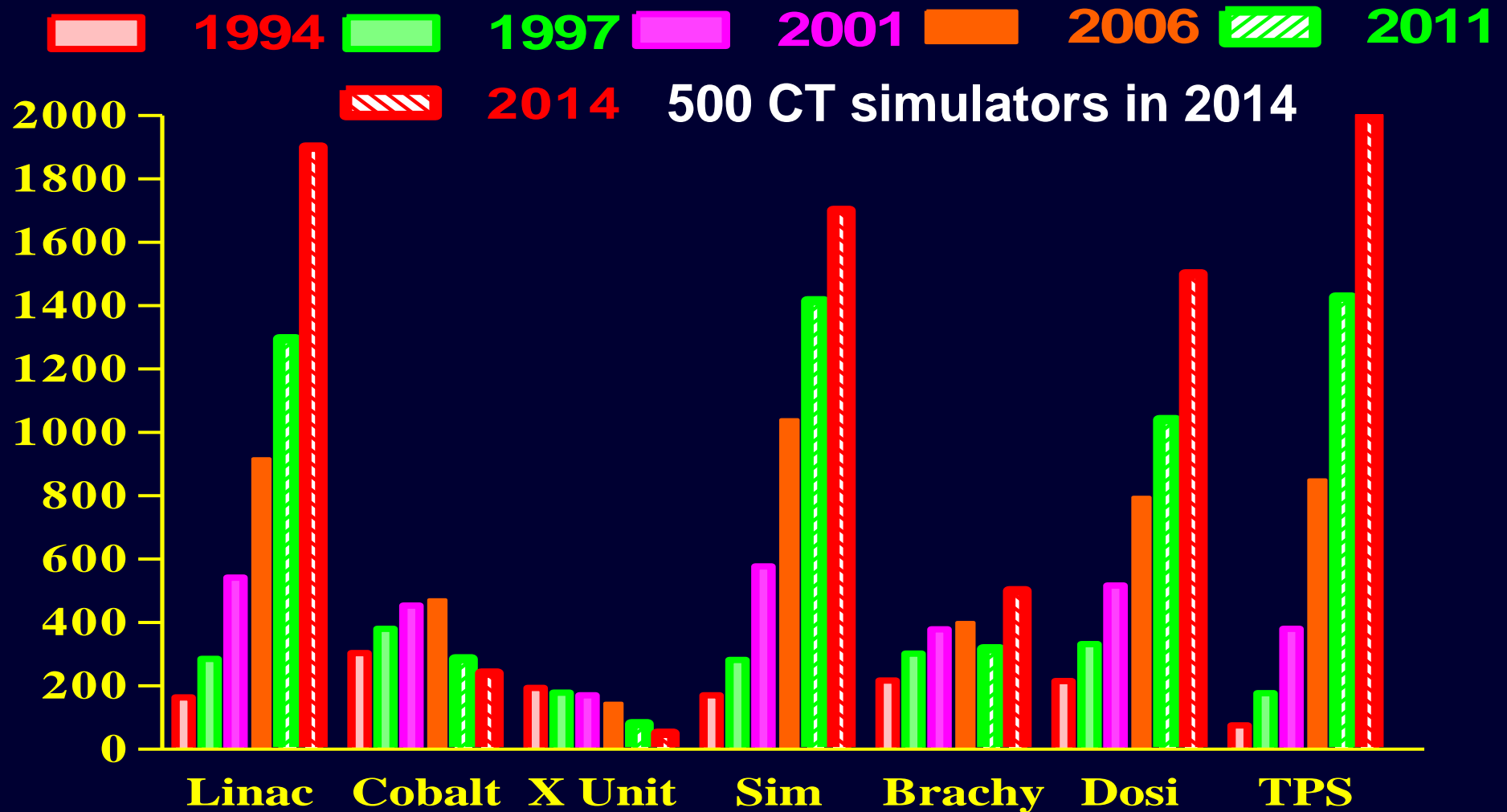
Number of Radiation Centers Between 1986-2014 in China



Employees of Radiation Centers in China



Increase of Radiation Equipments in China From 1994 to 2014



Linac

- ◆ **WHO Suggestion: 2-3 LA/million population**
- ◆ **USA: 8.2 LA/million**
- ◆ **UK: 3.4 LA/million**
- ◆ **France: 4 LA/million**
- ◆ **China: 0.97 LA/million**

Implementation of New Radiation Techniques in China

- ◆ SRT: 1995
- ◆ 3D-CRT: 1996
- ◆ IMRT: 2000
- ◆ IGRT: 2006
- ◆ Tomotherapy: 2007
- ◆ IMAT/VMAT/Rapid Arc: 2009

Less than half of patients who need radiotherapy were treated

- ◆ New cancer patients in 2011: **3.75 million**
- ◆ About **50%** cancer patients need RT
- ◆ **Estimate: 1.87 million** new cancer patients need RT
- ◆ **Actually: Only 0.57 million** were actually treated by RT in 2011, accounting for **32%**.

Activities of CSTRO

- **Resident doctor training and continuing education**
- **Promoting academic exchange**
- **Dissemination radiation Guideline**
- **Organize multicenter clinical trials**

Resident doctor Program

- **National radiation oncology resident doctor training system has established last year. 3 year training including : internal medicine, pathology, radiology, medical oncology, and surgical oncology (total 19months) and 14 months radiation oncology.**
- **National radiation oncology specialized doctor training system is on ongoing establish, after 3years resident doctor training , another 3 years radiation oncology training is needed before being a attending doctor of radiation oncology**

Promoting academic exchange

- CSRO National meeting (11 times)
- Cooperation with international organization
 - ◆ ESTRO training course, held in China , started in 2003, once every year
 - ◆ Sino-America Network for Therapeutic Radiation Oncology (SANTRO), A Bridge between the Chinese and American RT communities. Biyearly meeting, in turns held between China and America

Chin J Radiat Oncol founded in 1987

1987

中國放射腫瘤學

放射生物 · 放射物理

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1987

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Activities of CSTRO

multi-center clinical trials

- **NPC**
- **Lung Cancer**
- **Breast Cancer**
- **Esophagus carcinoma**
- **Rectal Cancer**

