

The Israel Society for Clinical Oncology and Radiation Therapy (ISCORT)

2014

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In Israel there are two Professional
Specialties – Medical & Radiation
Oncologists in one Society

The Israel Society for Clinical Oncology
and Radiation Therapy
(ISCORT)



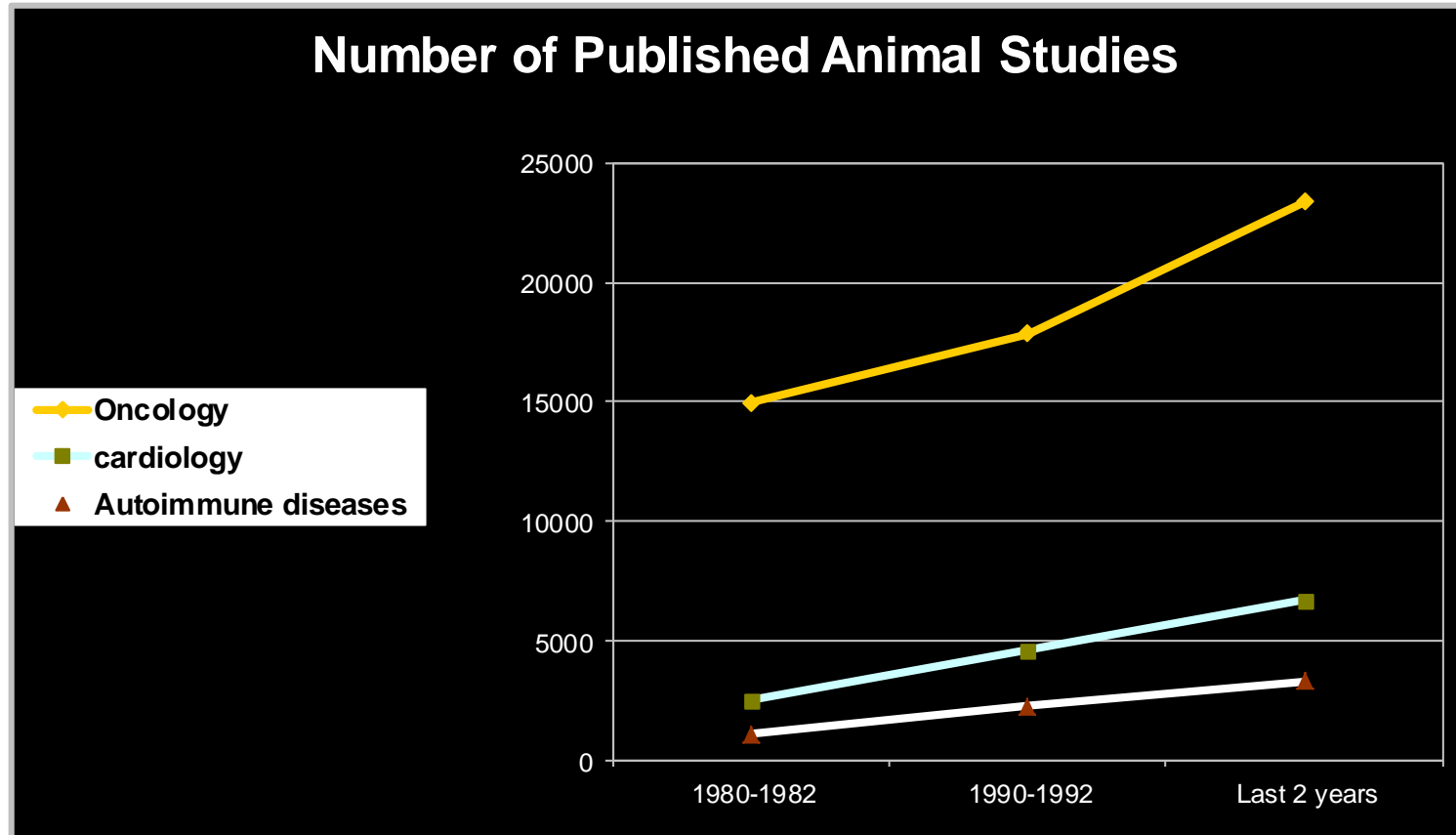
In Israel Two Professional Specialties in one Society

A unique opportunity for collaboration

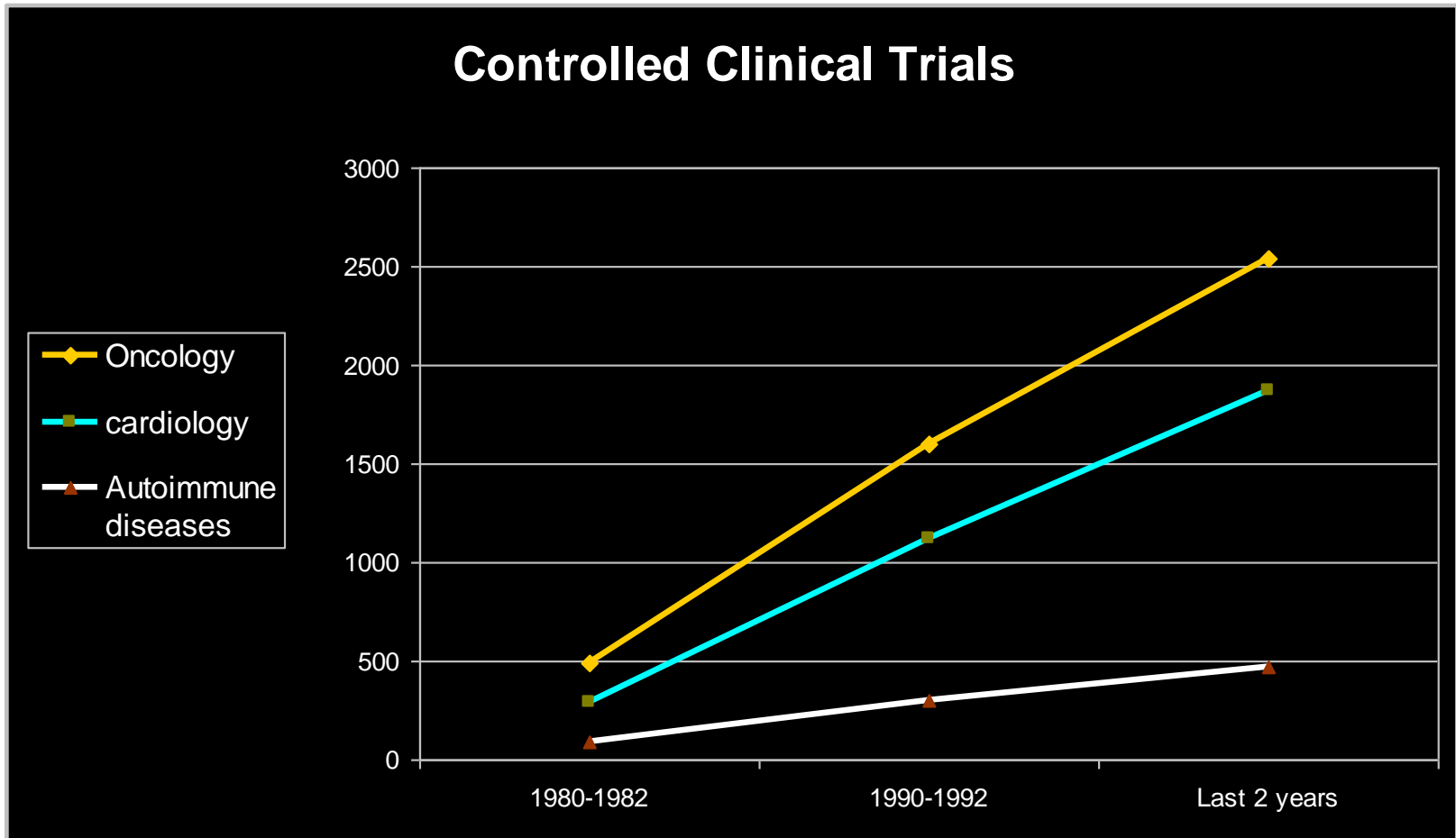
Oncology: **Introduction**

- ❑ In the last decade there has been a significant increase in knowledge and understanding of the development process and treatment options for malignant disease.
- ❑ Examples: kidney cancer, melanoma, breast cancer, lung cancer, etc.

Development in Oncology during Decades: Animal Studies



Development in Oncology during Decades: Clinical Trials

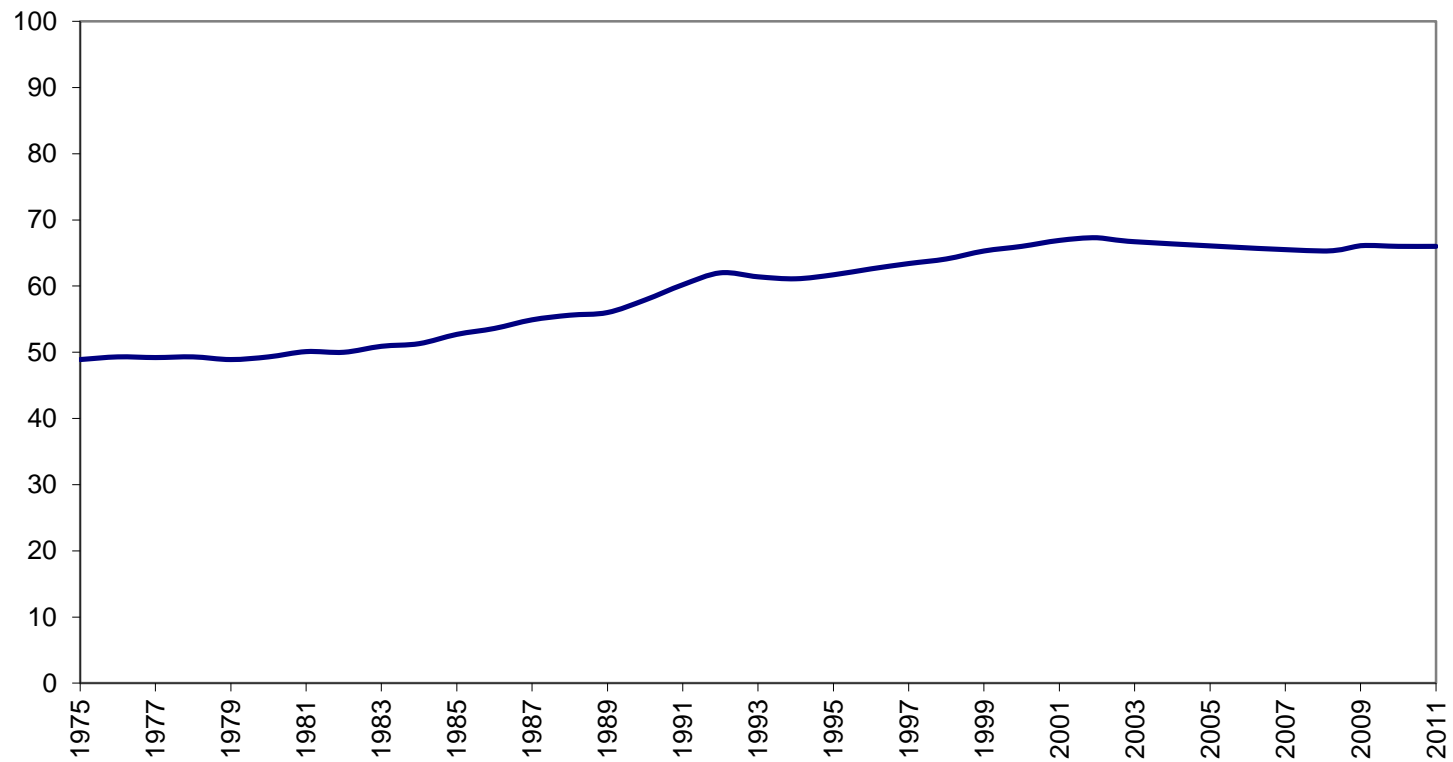


Oncology: Introduction

As a result of this development:

- ❑ Improving patient care, quality of life and life expectancy

5-year Survival by Year of Diagnosis: All Cancer Sites



Oncology: Introduction

As a result of this development:

- Increase in the human and financial resources required

The question –

- Can the national health care system provide a solution that fully meets the need?

The Role of Oncologist in the Treatment of Patients with Malignant Disease

In most cases of malignant disease a Medical Oncologist or Radiation Oncologist is involved in the treatment and management of the patient

The Role of Oncologist in the Treatment of Patients with Malignant Disease

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But there are exceptions:

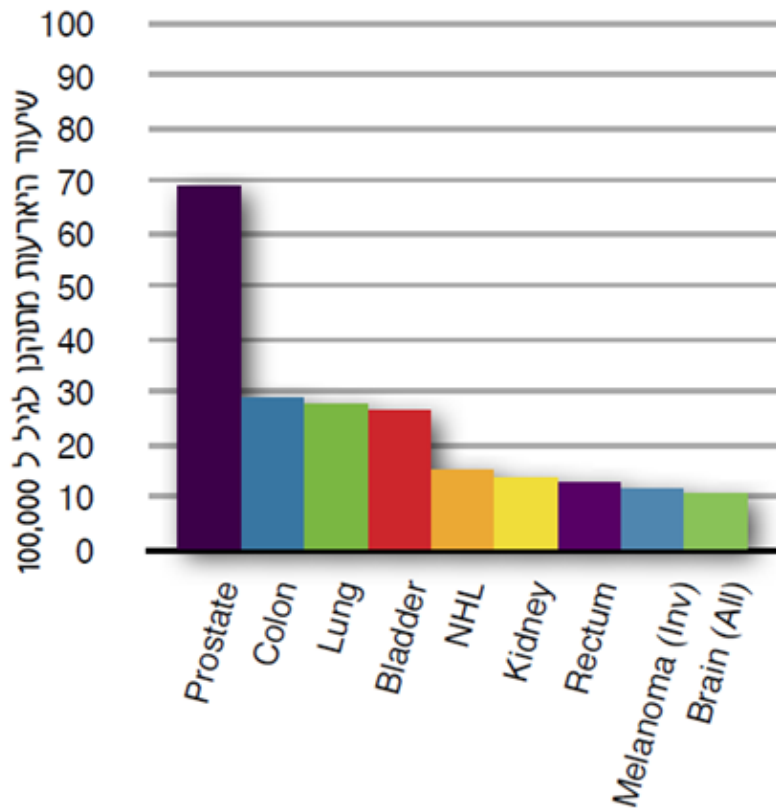
In some medical centers in Israel the treatment & management of ovarian cancer patients are under the responsibility of the Gynecologist

The Role of Oncologist in the Treatment of Patients with Malignant Disease

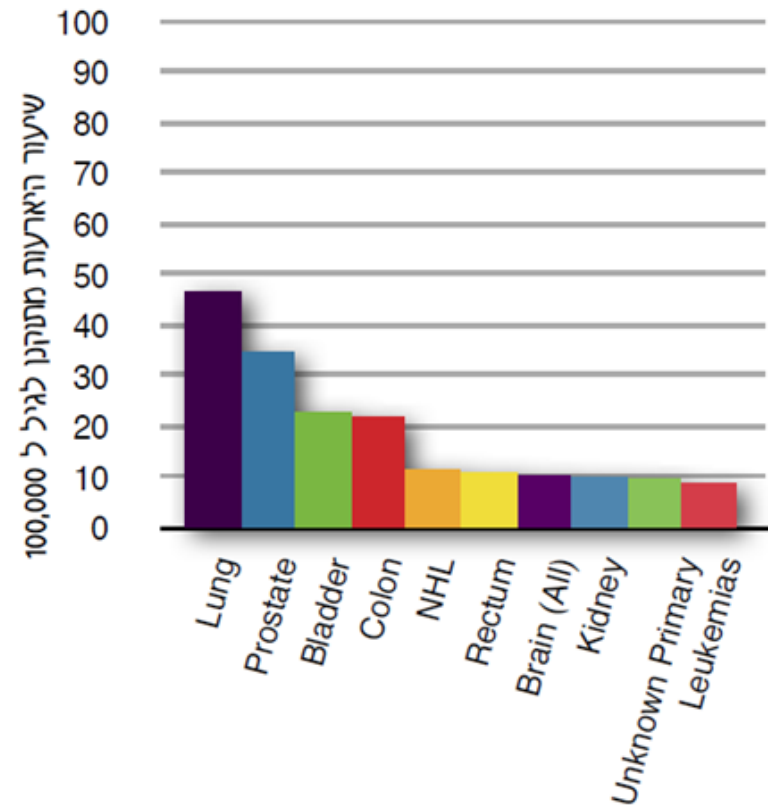
This development could have a negative impact on the role of the Medical Oncology Professional in the treatment and management of patients with malignancy

Malignant Diseases: Male Incidence Israel, 2008

Jews



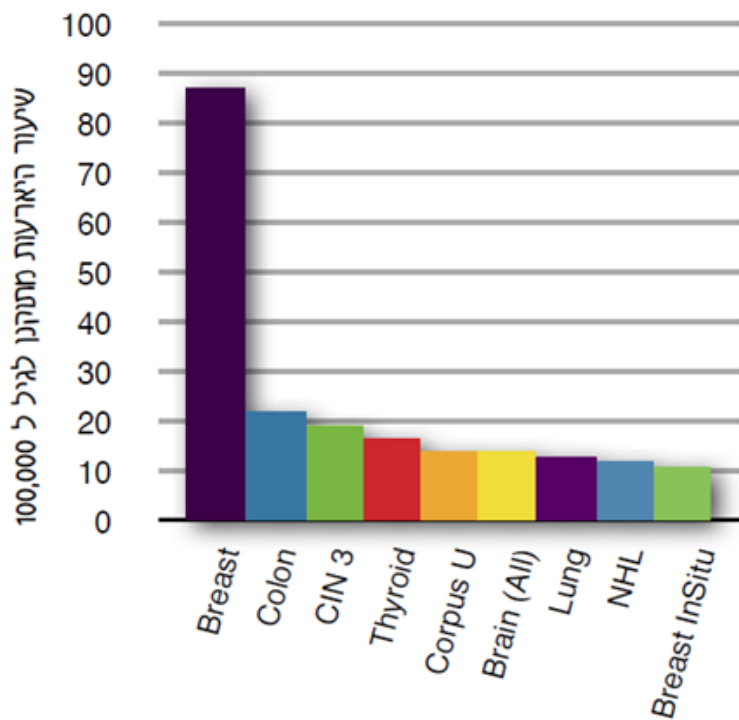
Arabs



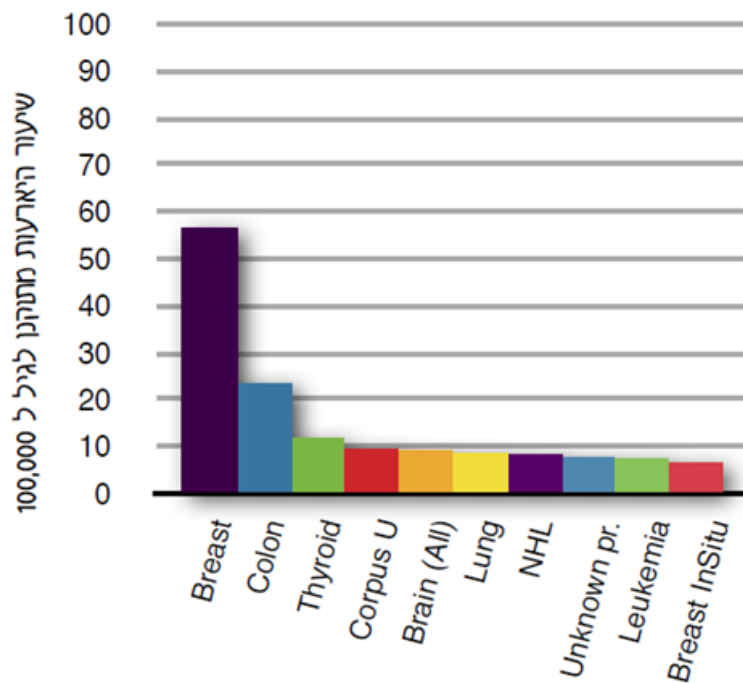
Age-adjusted incident rate per 100,000 people

Malignant Diseases: Female Incidence Israel, 2008

Jews

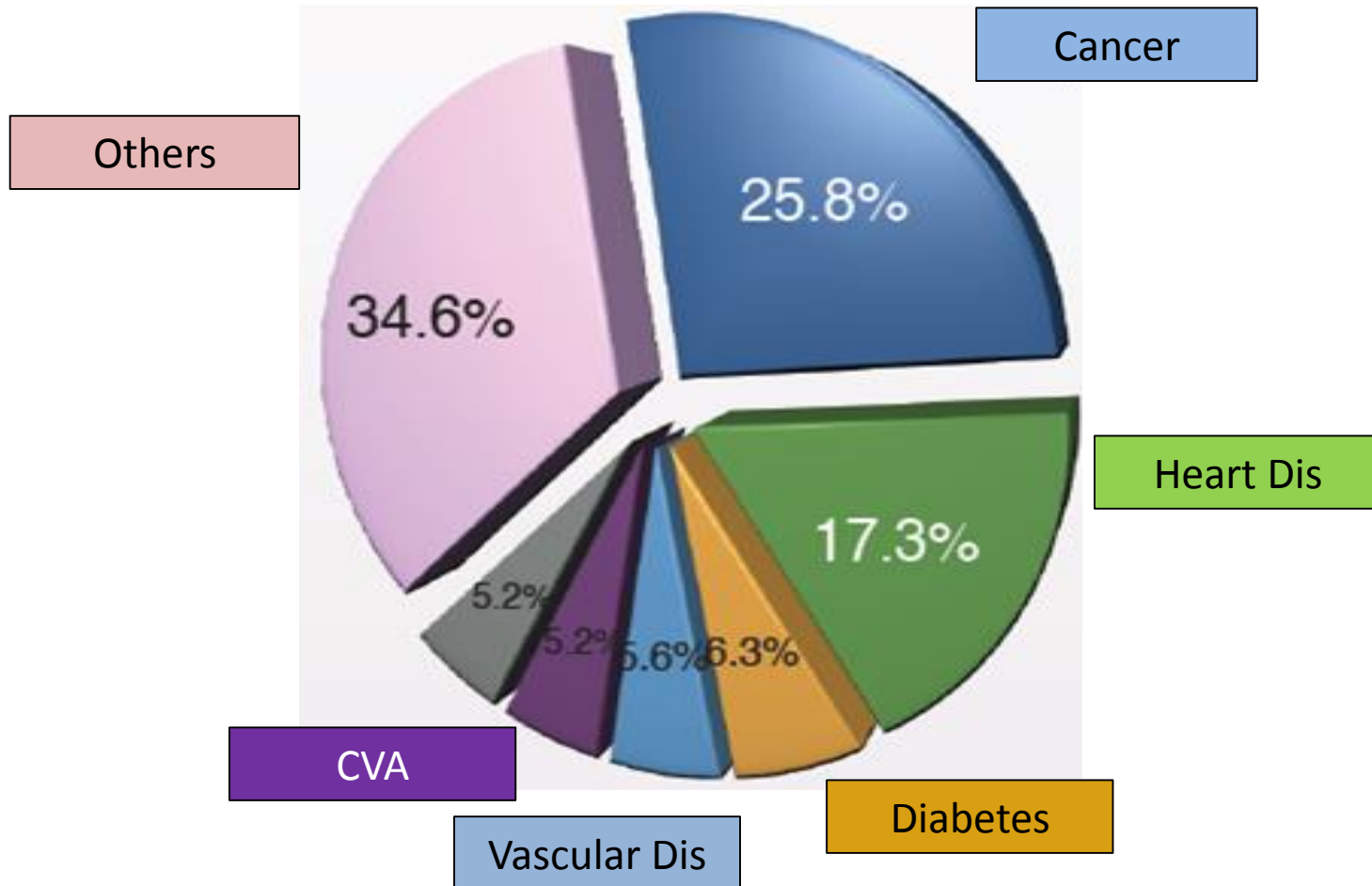


Arabs



Age-adjusted incident rate per 100,000 people

Cause of Death: Israel 2008





State of Israel
Ministry of Health
משרד הבריאות, ישראל

The Basic Health Basket

The medical services basket encompasses the entire range of services, drugs, medical equipment and devices that the insured public has a right to receive

**Ministry of Health
Pharmaceutical Administration
Jerusalem**

**Guidelines for Clinical Trials
in Human Subjects**



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Research Breakthroughs
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Prevention
Healthy Lifestyle
World Cancer Day
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Early Detection
Breast Cancer
Colorectal Cancer
Skin Cancer
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1989 2011

At the age of 15 I fought cancer, thanks to you, I also won
PLAY >>

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See the awards and honors that were presented to the ICA

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Around the World
Contact our Friends Groups around the world

Breakthroughs
Discover numerous significant breakthroughs
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News
27/02/14
ICA USA organized the successful "Israel, a paradise in the desert" gala event
09/02/14
ICA organizes a Colorectal Cancer Seminar in Beer Sheva on Sunday, March 23, 2014
04/02/14
ICA takes an active part to World Cancer Day 2014
[more news >>](#)

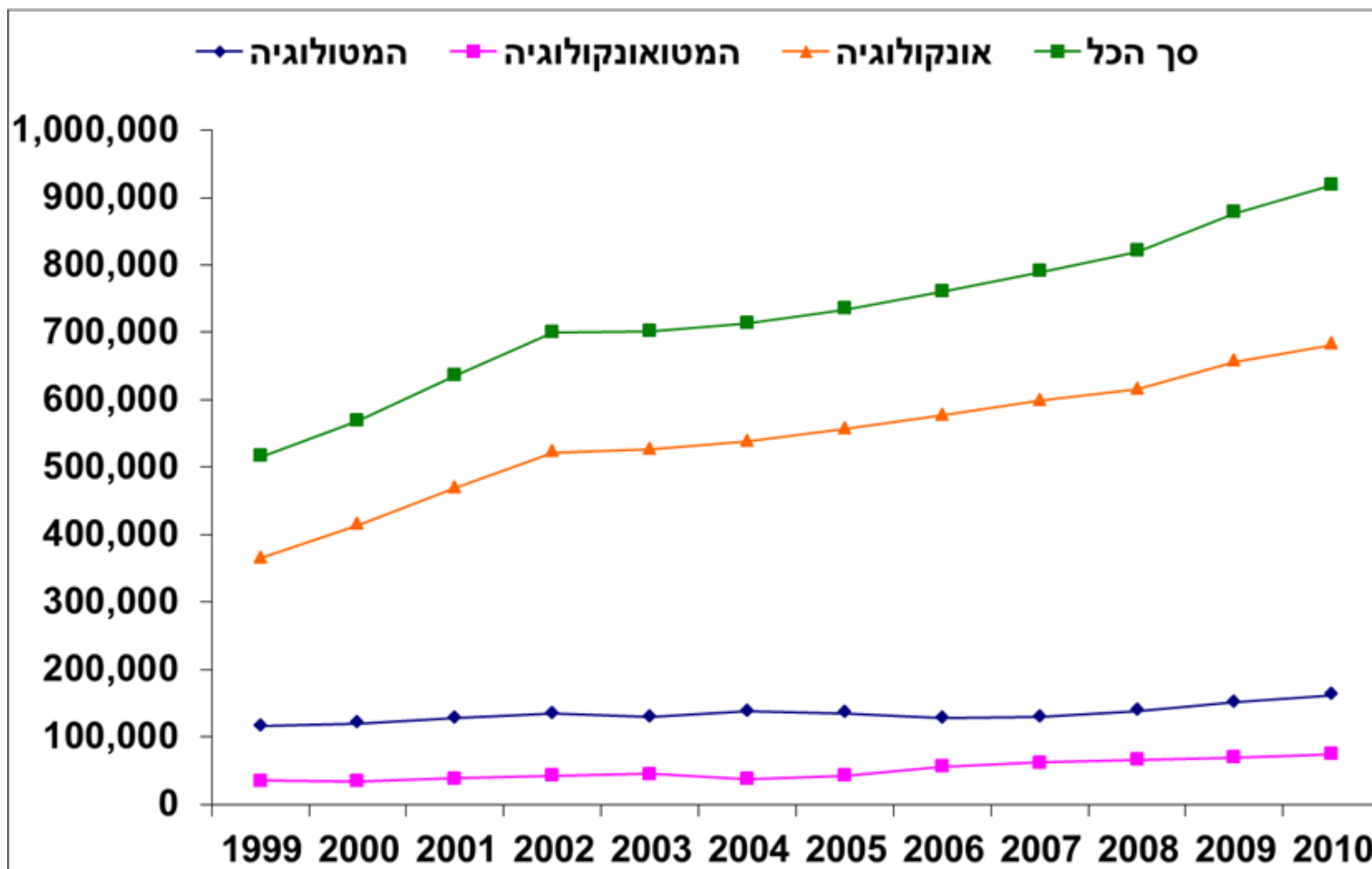
Israel 2011

**At the end of 2011,
there were in Israel
3,961,800 women (50.6%) and
3,874,800 men
Total: 7,836,600**

Medical Oncology

Israel 2014

Number of Oncology Outpatient Visits 1999 - 2010



Cancer Centers in Israel

1. Rambam
2. Sheba
3. TASMIC
4. Hadassah
5. Davidoff
6. Soroka

- Comprehensive centers for surgery, radiotherapy, chemotherapy and pediatric oncology
- Outpatient clinic
- Day care
- Radiotherapy units
- Inpatient units

Cancer Units in Israel

1. Western Galilee
2. Ziv
3. Poria
4. Emek
5. Hillel Yaffe
6. Laniado
7. Assaf Harofeh
8. Meir
9. Barzilia
10. Shaare Zedek
11. Kaplan
12. Wolfson
13. Linn
14. Assuta

- ❖ 1. Outpatient clinic
- ❖ 2. Day care

Data of Activities in Six Medical Centers in Israel

Medical Center	No. of RT Simulations	No of Day Care Unit Visits	No. of Clinical Visits	No. of New Patients	No. of Beds	No. of Existing Positions
Rambam	2,222	21,165	27,063	2,996	46	35
Soroka	1,309	11,312	21,329	1,094	24	18
Hadassah	2,076	14,730	23,500	3,000	32	31
Sheba	3,743	25,670	40,000	4,200	29	38
Ichilov	1,873	29,853	24,639	3,692	34	31
Bellinson	2,370	24,170	39,700	2,480	25	34
Total	13,593	126,900	176,231	17,462	190	157

Data of Activities in Six Medical Center in Israel

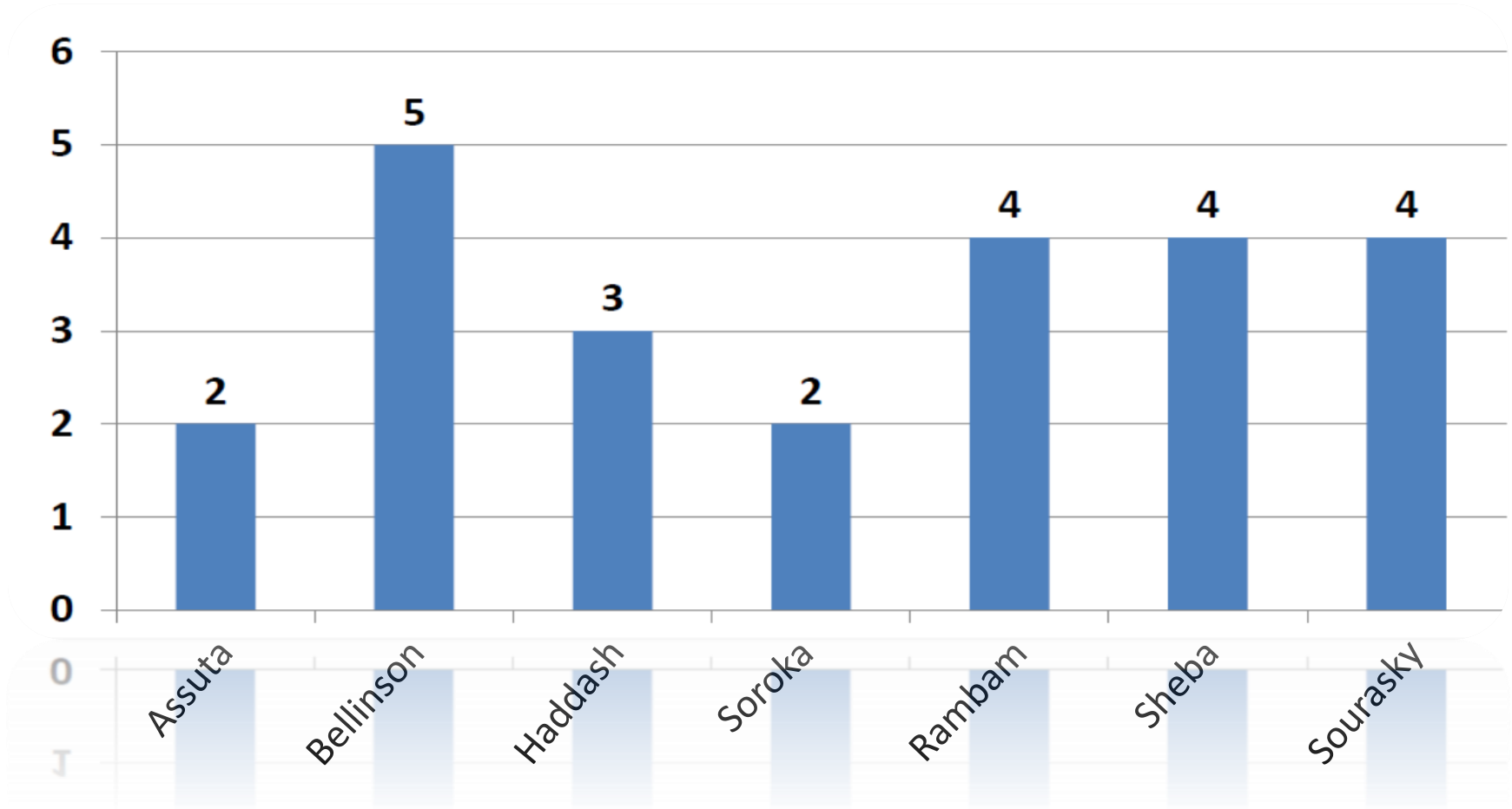
Medical Center	No. of Existing Positions	No. of Positions Required	No of deficit Positions
Rambam	35	50	15
Soroka	18	31	13
Hadassah	31	40	9
Sheba	38	66	28
Ichilov	31	50	19
Bellinson	34	56	22
Total	187	293	106

Data of Activities in Six Medical Center in Israel

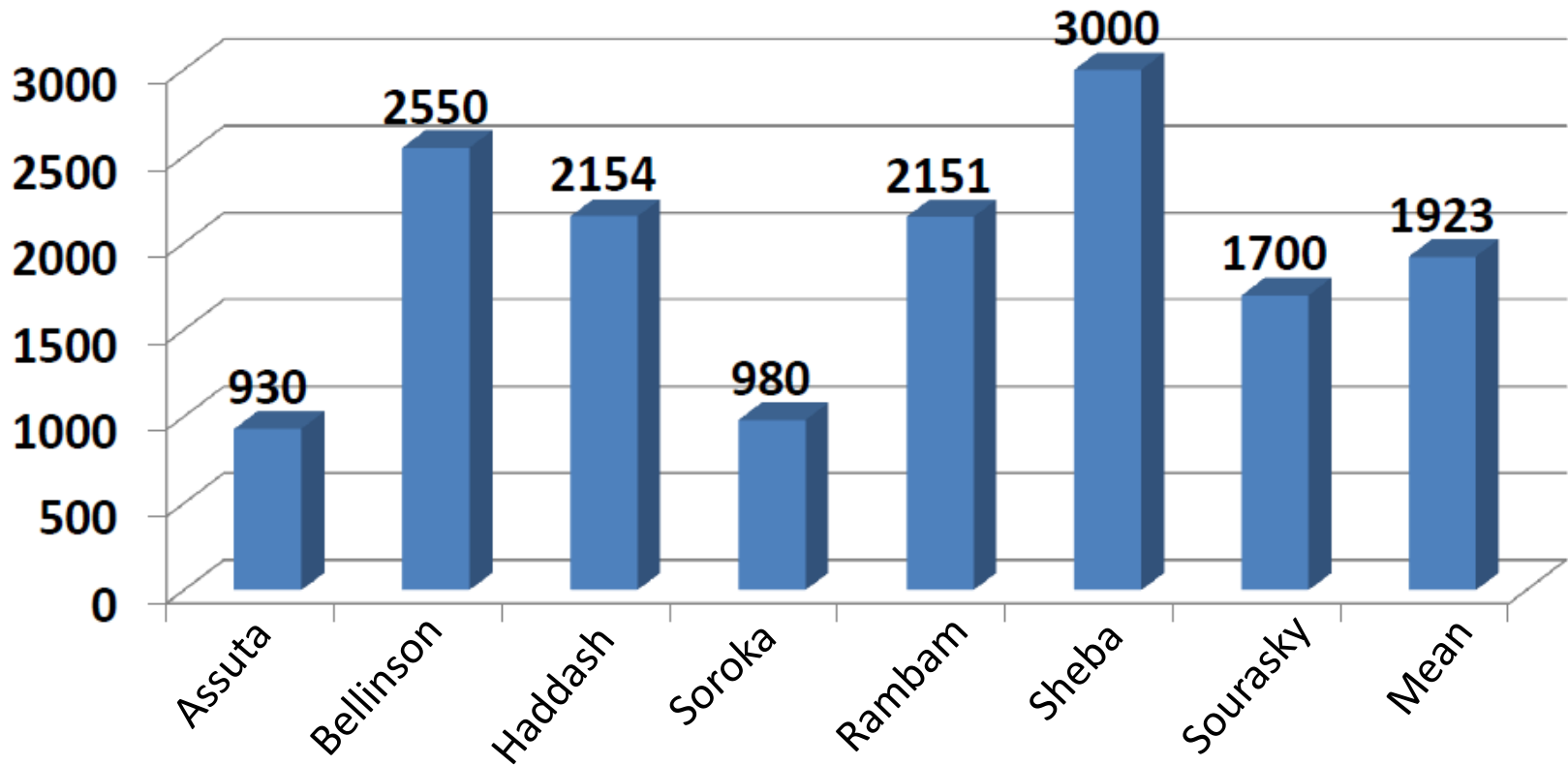
Medical Center	No. of Existing Positions	No. of Positions Required	No of deficit Positions
Rambam	35	50	15
56% additional Clinical & Radiation Oncologists are Required			
Sneha	38	60	22
Ichilov	31	50	19
Bellinson	34	56	22
Total	187	293	106

Radiotherapy: Israel 2014

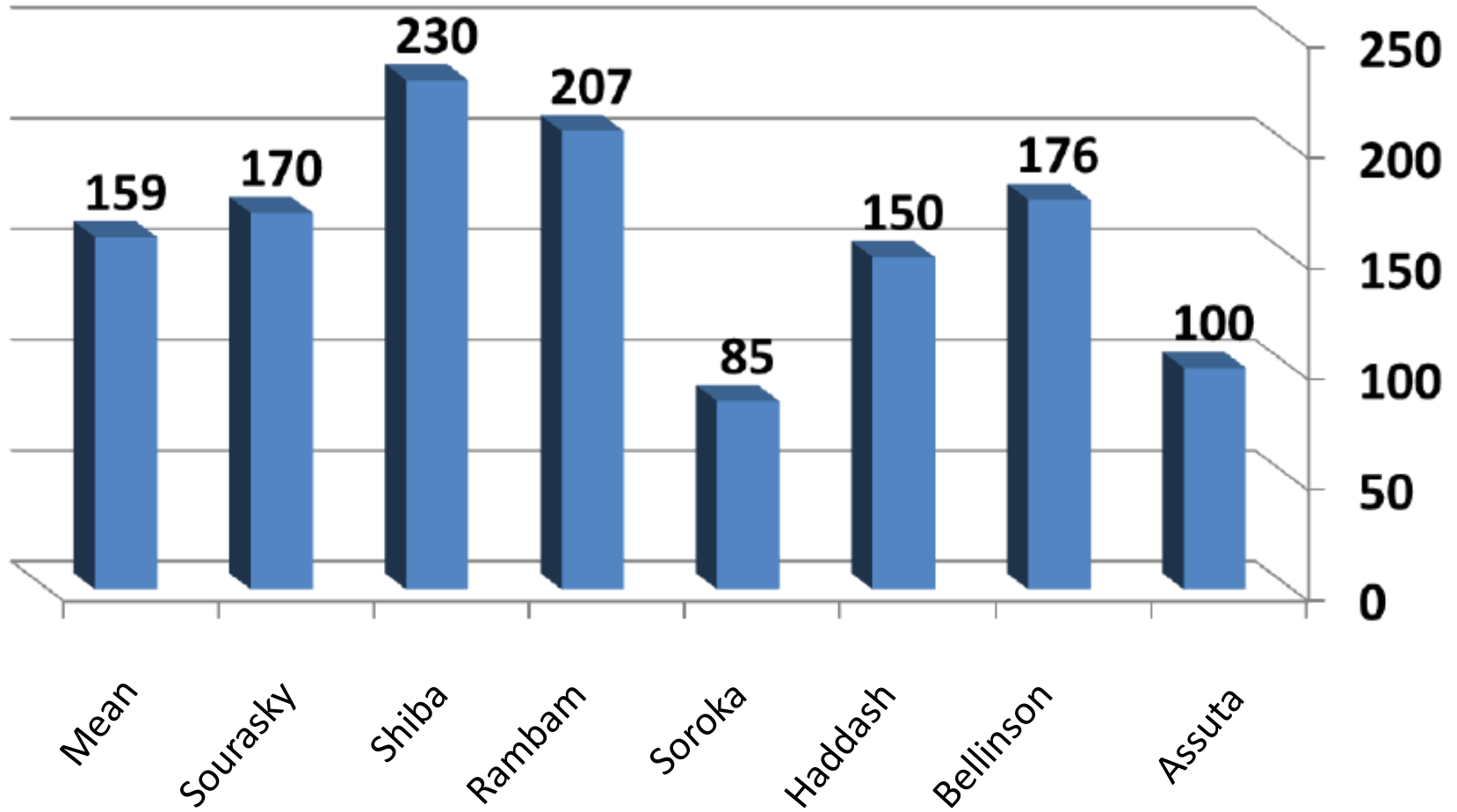
Number of Linear Accelerators in Israel



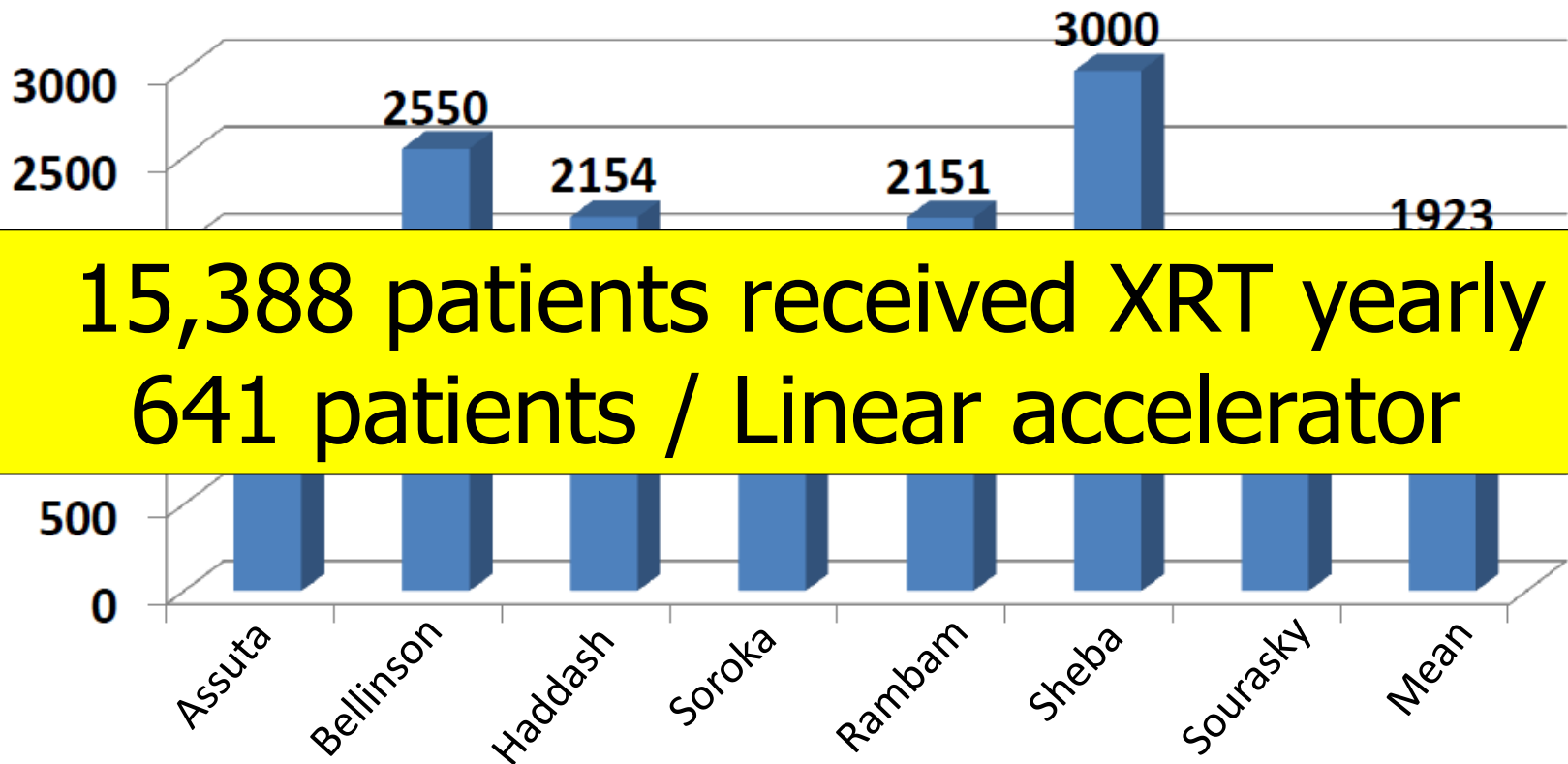
Number of Patients Treated Yearly by Radiotherapy



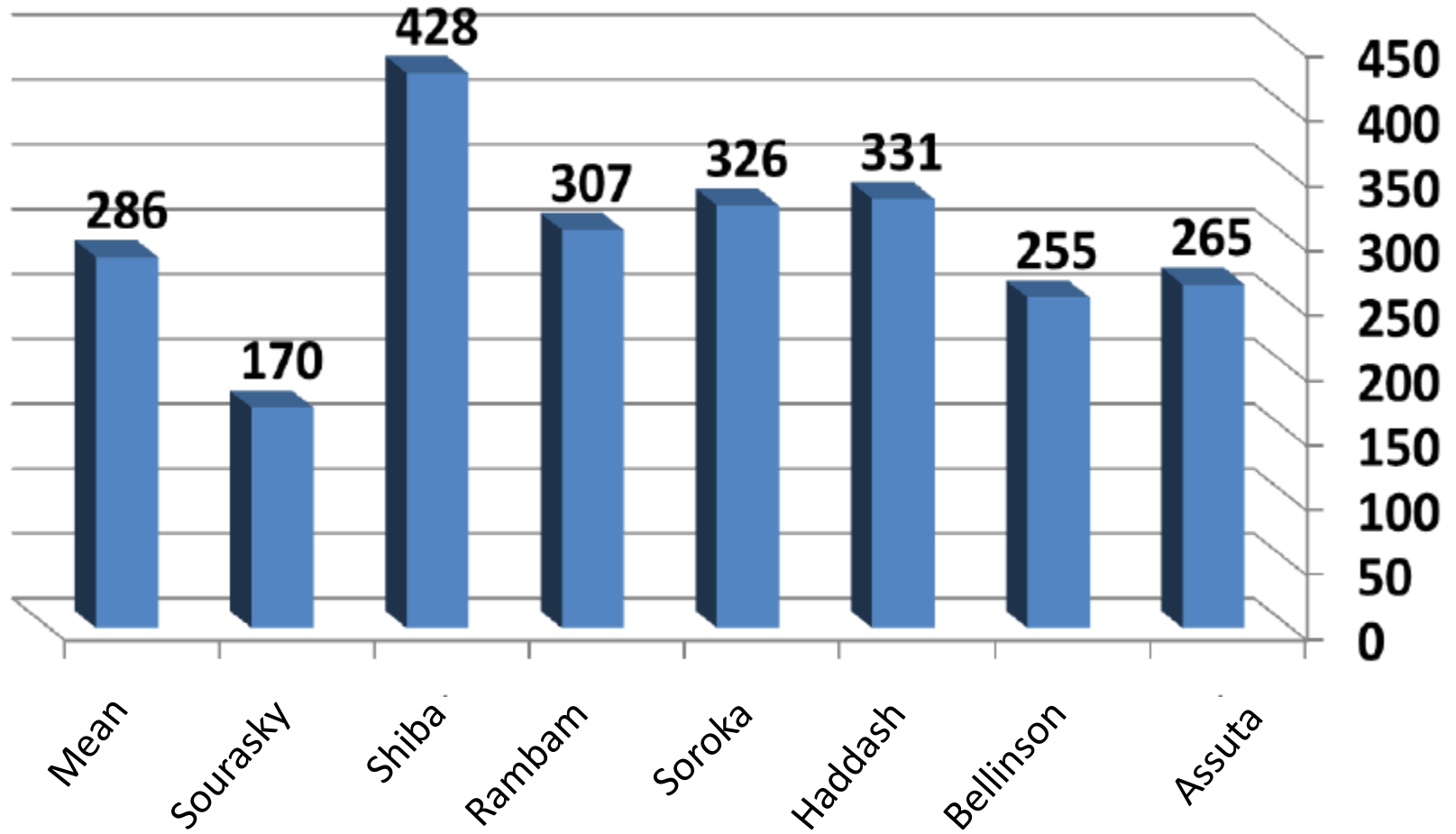
Number of Patients Treated by Radiotherapy: Daily



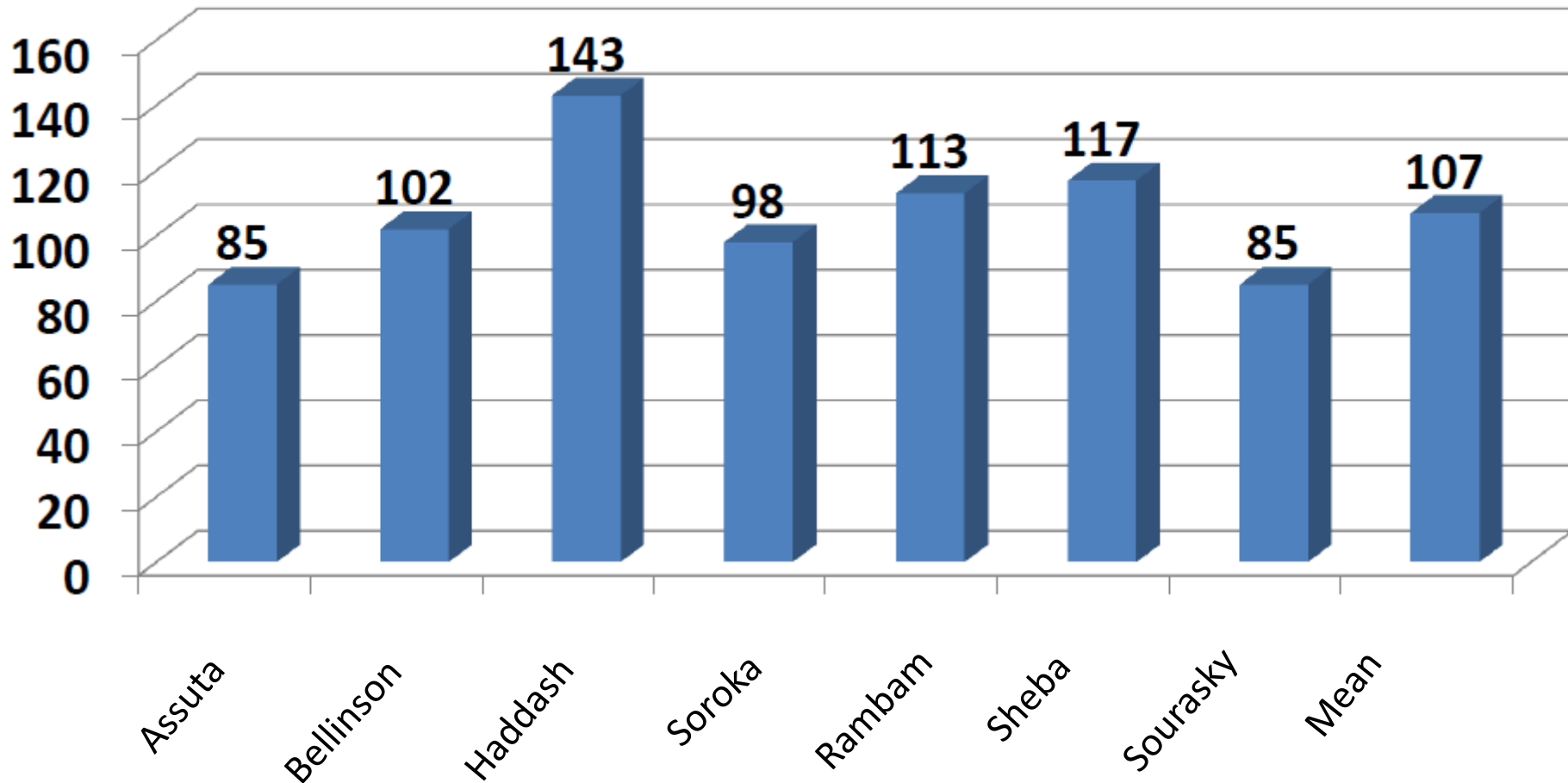
Number of Patients Treated Yearly by Radiotherapy



The Number of Patients Treated by Radiotherapy by Medical Physics



Number of patients Treated by Radiotherapy / Radiation Technician



Israel Oncology 2014

Collaboration

EORTC: European Organization for Research and Treatment of Cancer

RTOG: Radiotherapy Oncology Group

Thank you for this interesting
meeting invited

Now is the time
Establishment of a regional
oncology organization