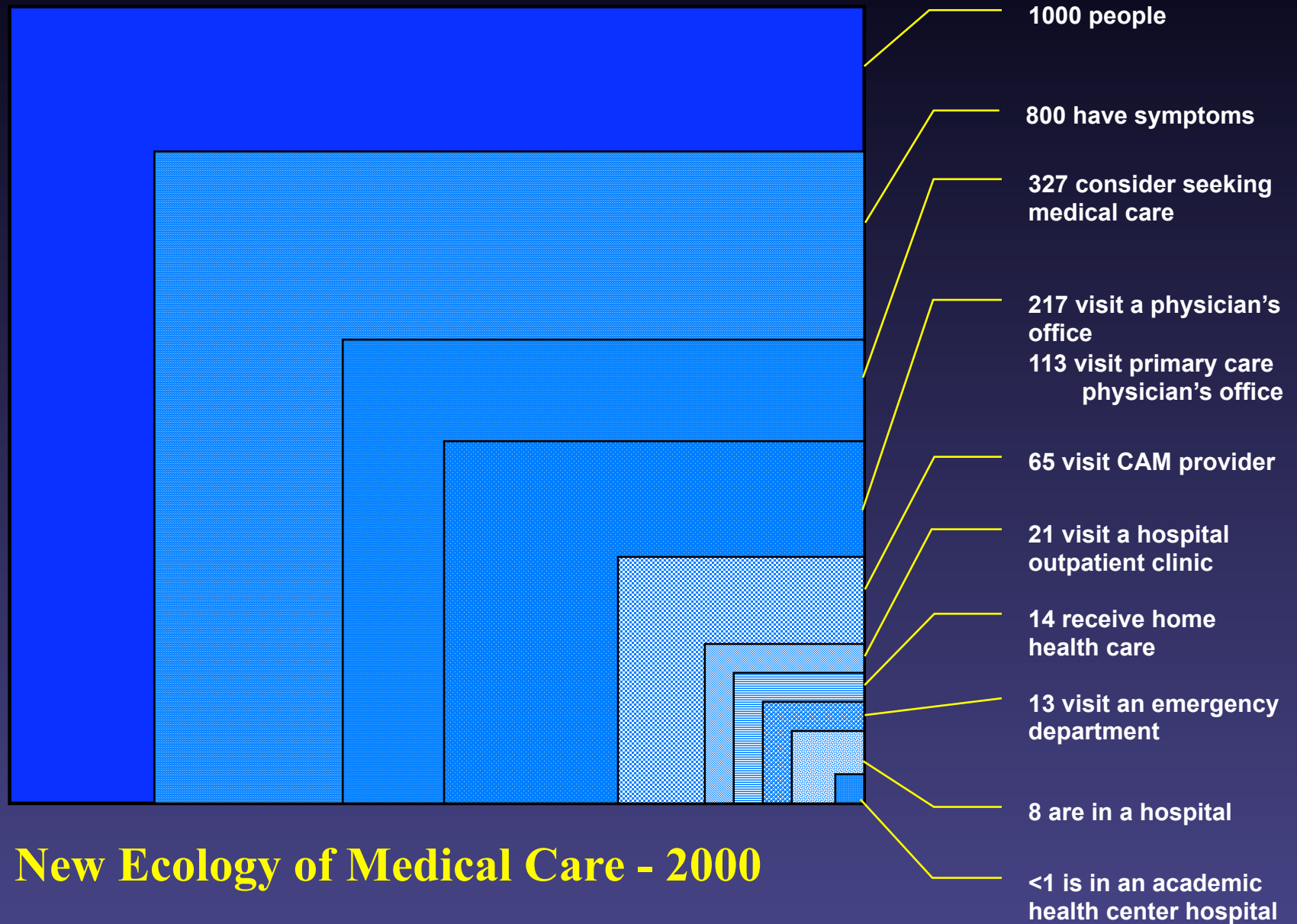


***Session III***  
***The Role of Beta and Islet Cell  
Physiology in Practice Decisions  
in type 2 Diabetes***

***Translation to Clinical Practice***

# In an average month:

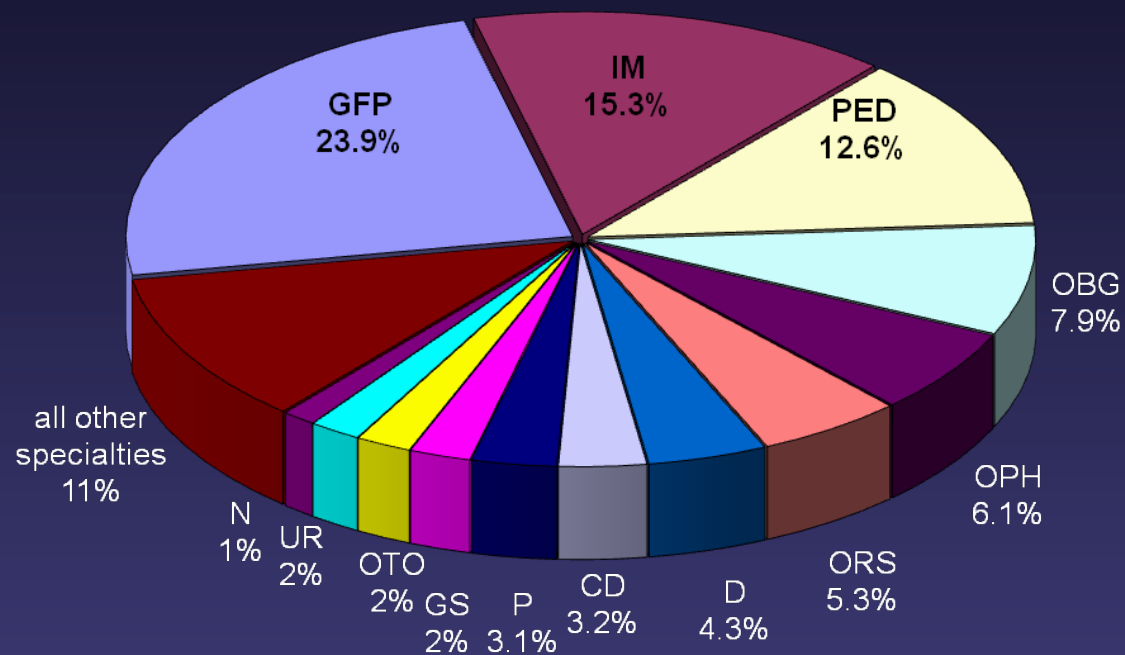


**New Ecology of Medical Care - 2000**

# Office Visits by Physician Specialty

**Total 880,487 visits**

**Total Primary Care = 51.8%, 456,092**

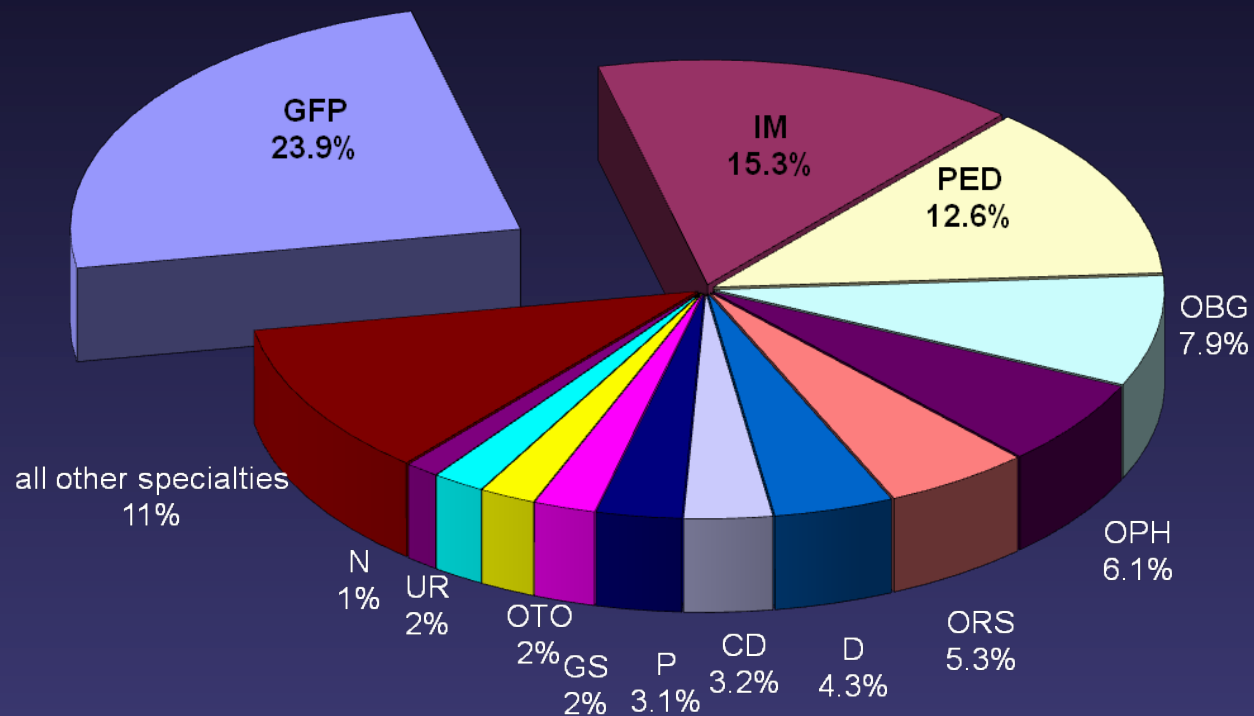


*Source: National Center for Health Statistics, CDC, 2001*

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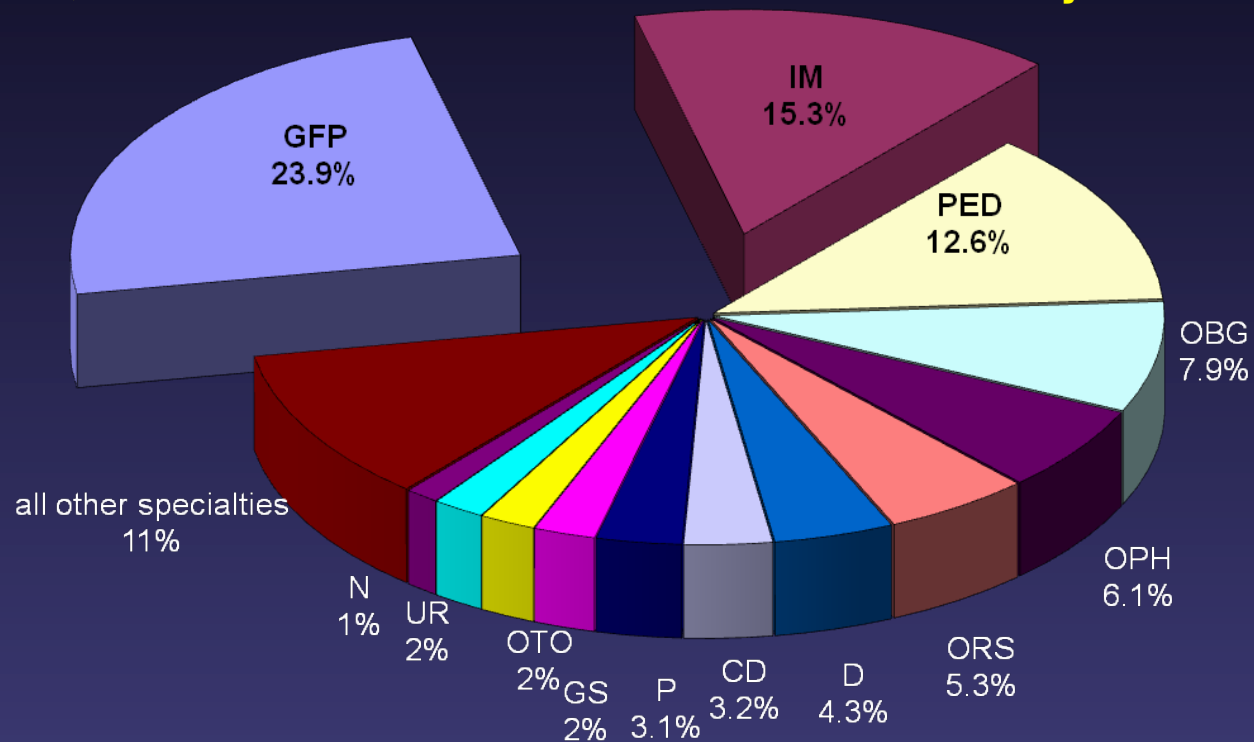


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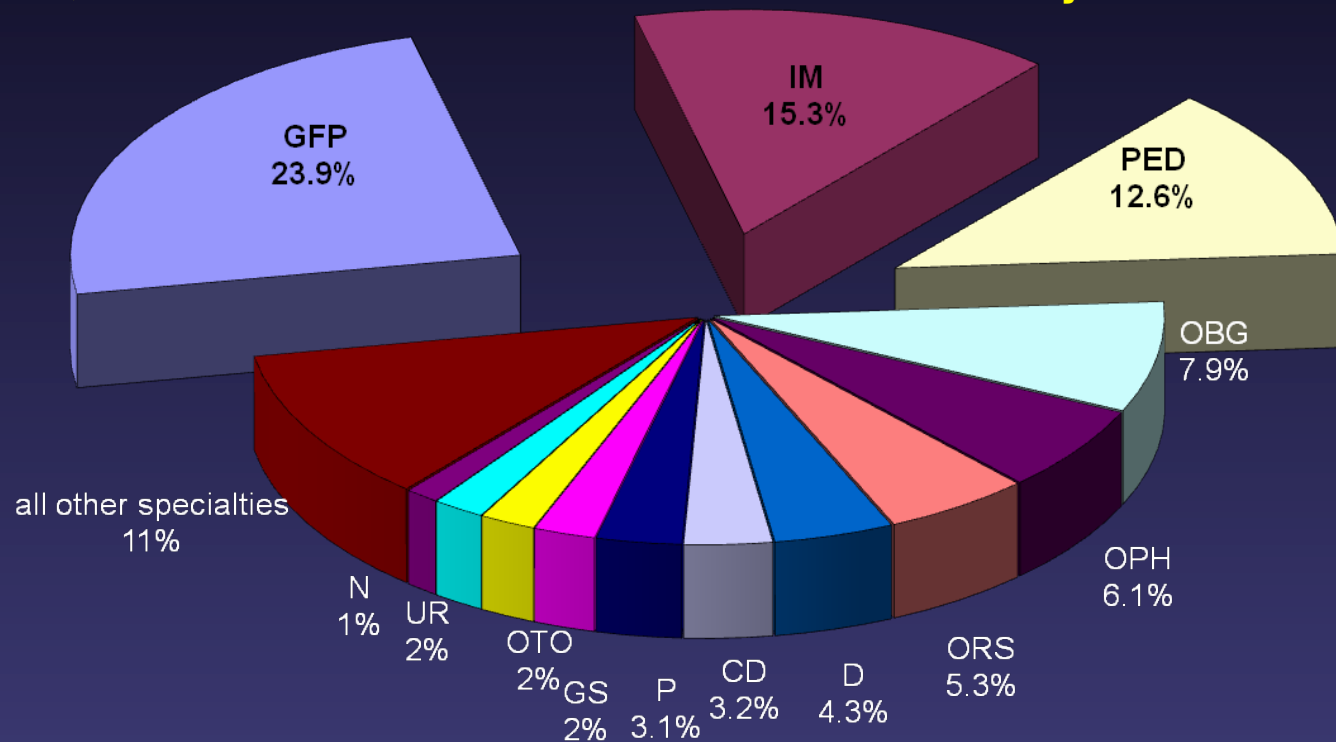


*Source: National Center for Health Statistics, CDC, 2001*

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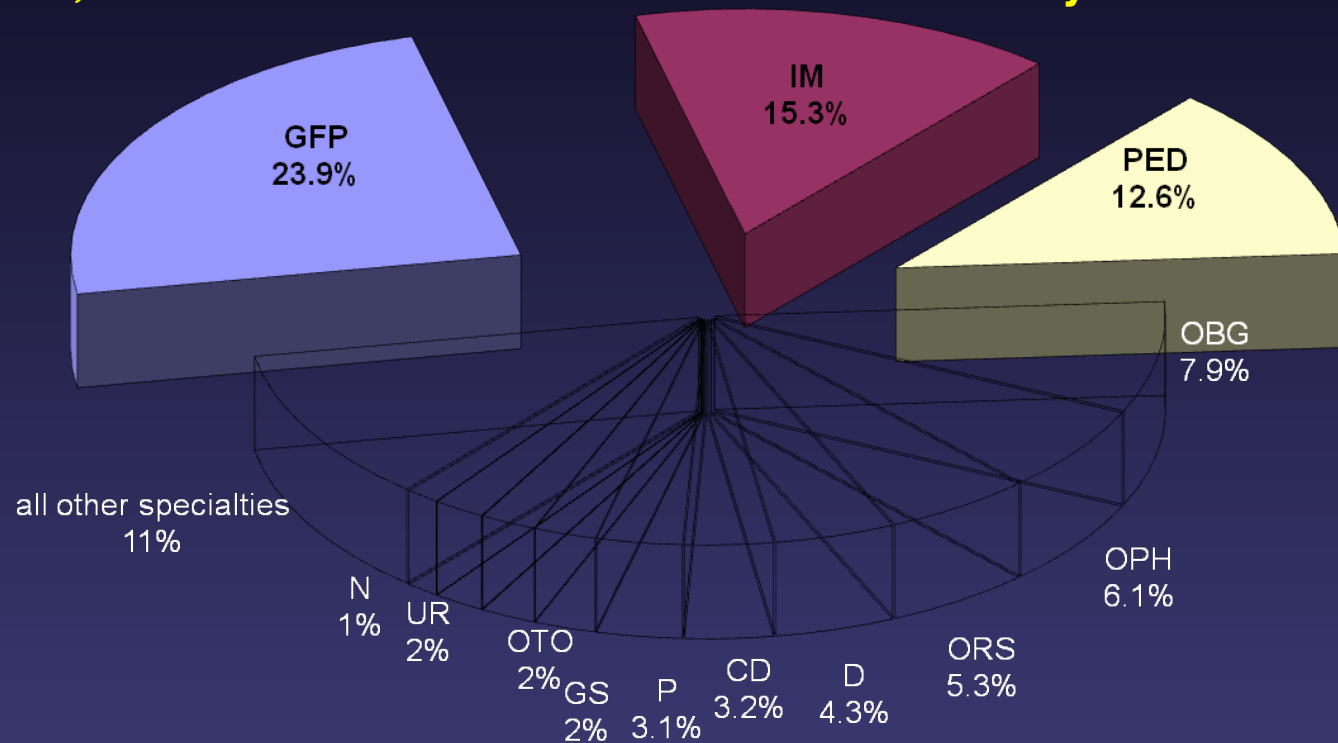


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# The NIH Roadmap for Medical Research

[www.nihroadmap.nih.gov](http://www.nihroadmap.nih.gov)

- **Address evolving health care challenges**
- **Accelerate the pace of discoveries**
- **Develop more rapid translation from laboratories to patients and back**





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**Bench**



**Bedside**

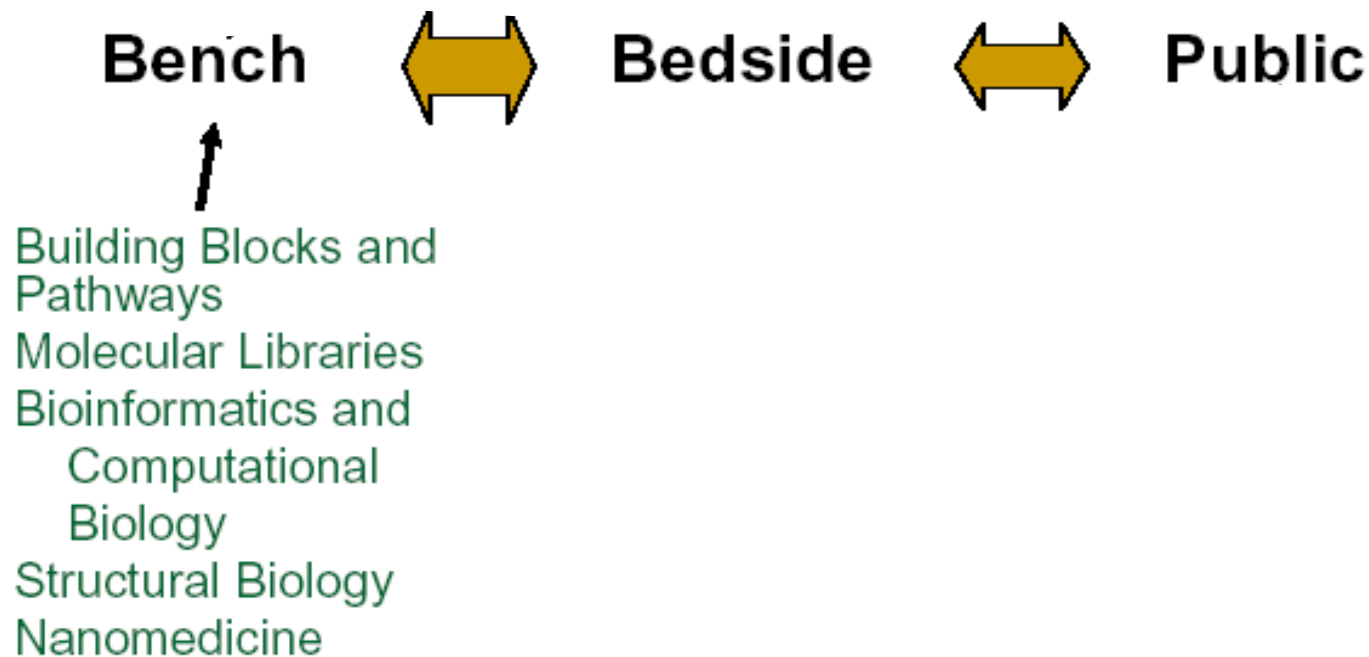


**Public**

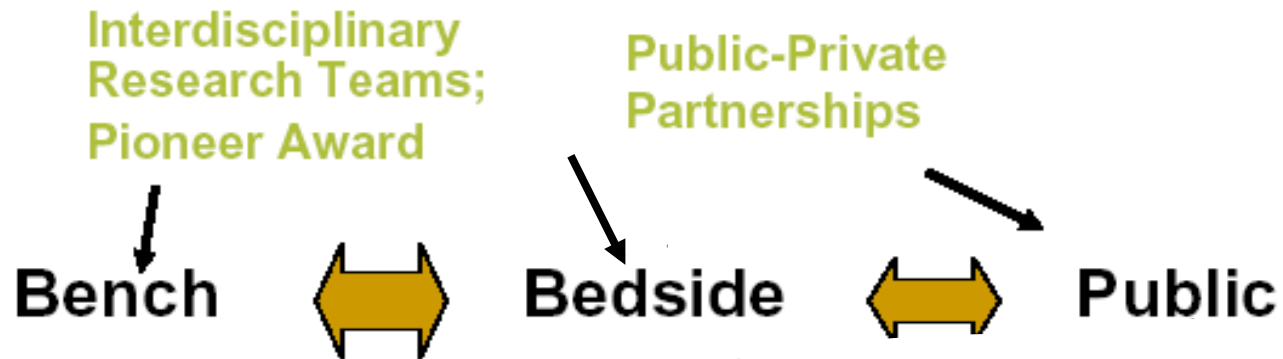
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## New Pathways to Discovery

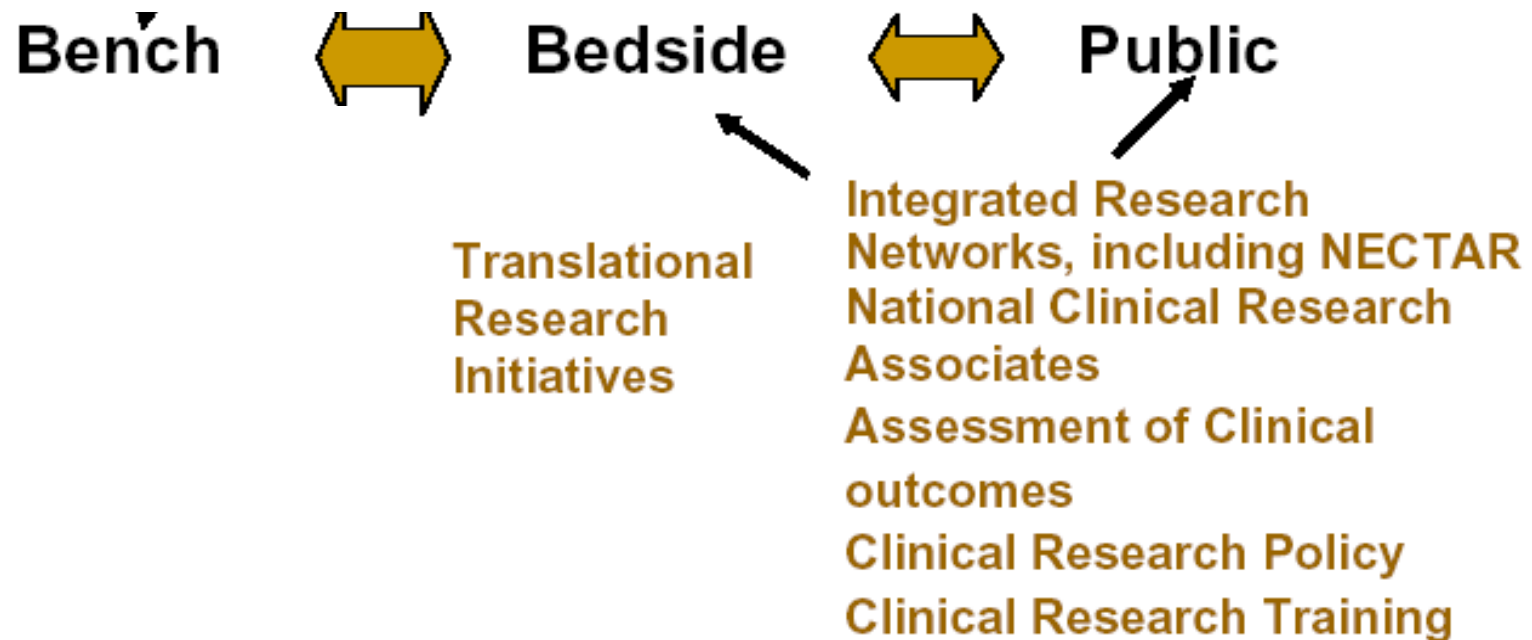


## Research Teams of the Future



**New Pathways to Discovery**

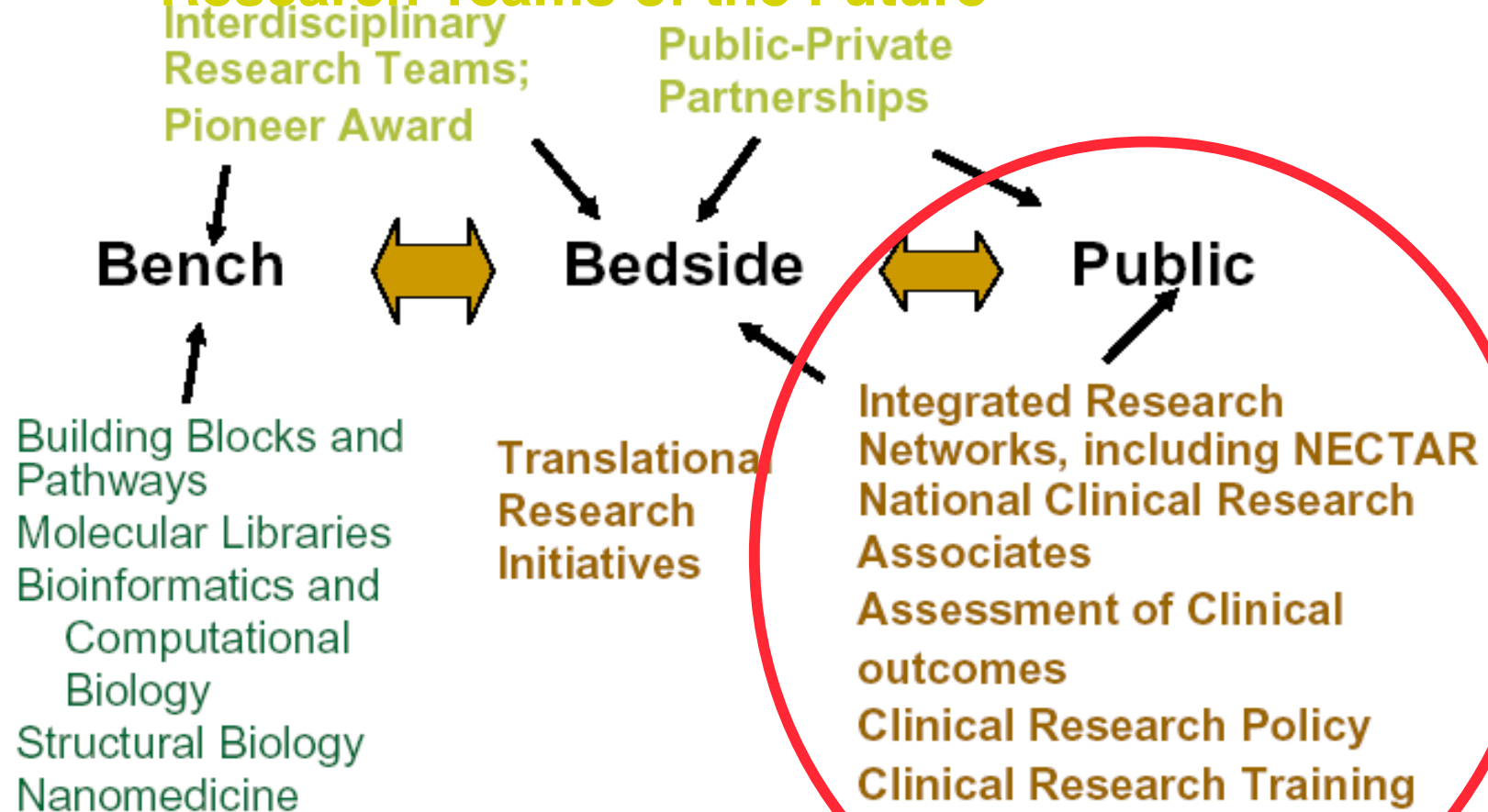
# Re-engineering Clinical Research



**New Pathways to Discovery**

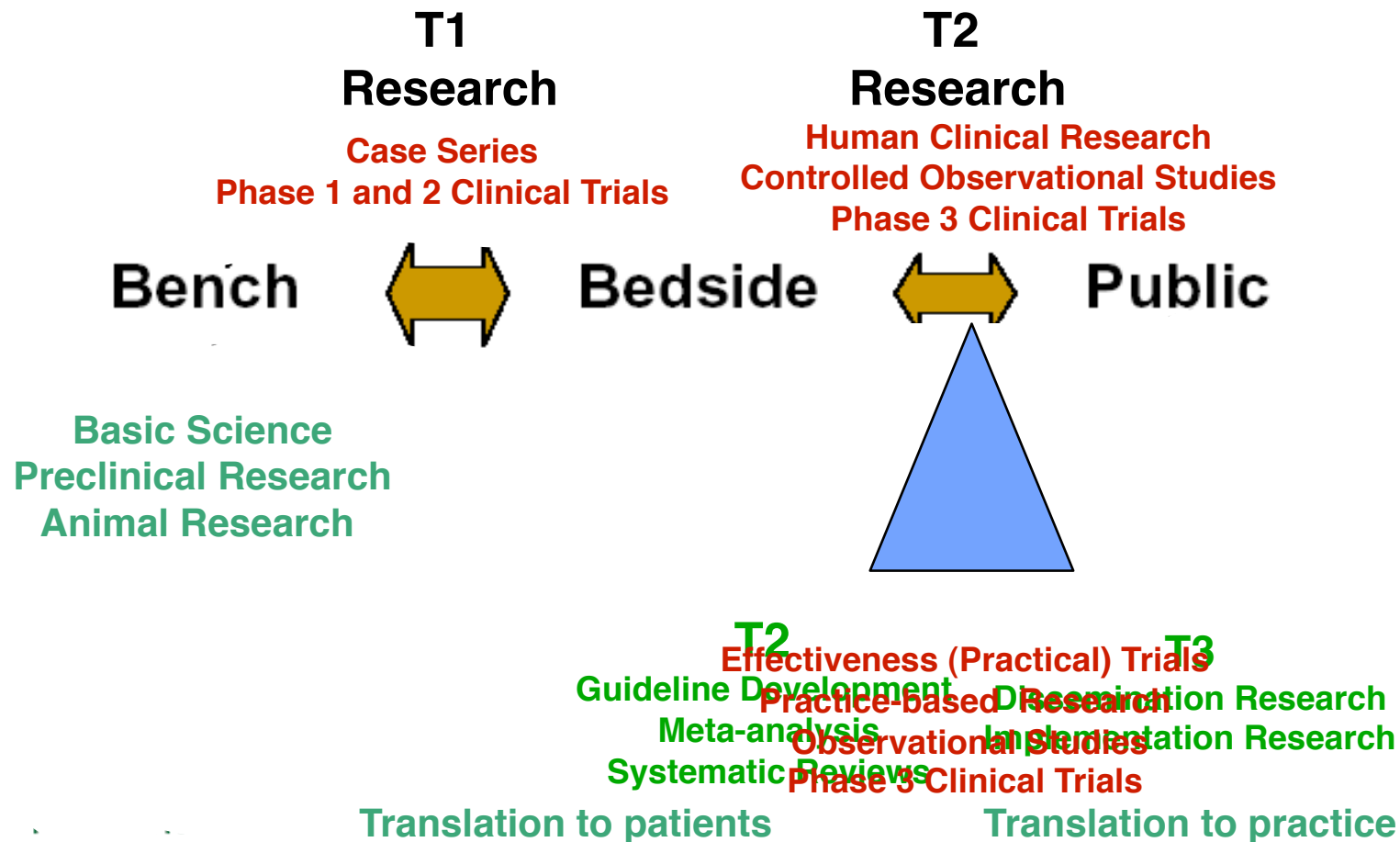
# Re-engineering Clinical Research

## Research Teams of the Future



**New Pathways to Discovery**

# Translational Research



# **Inventory and Evaluation of Clinical Research Networks (IECRN)**

## **Goals**

- **Inventory and database of CRNs**
- **Barriers and facilitators of success**
- **Best practices**
- **Recognize network achievements**

# IECRN findings

- Final report issued July 28, 2006
  - <https://www.clinicalresearchnetworks.org>
- 261 eligible networks
- Average age 9.6 years (median 6)
- 60% received majority of funding from federal government
- Clinical trials (58%) observational epi (13%), other observational (11%)
- 92% affiliated with an academic institution