

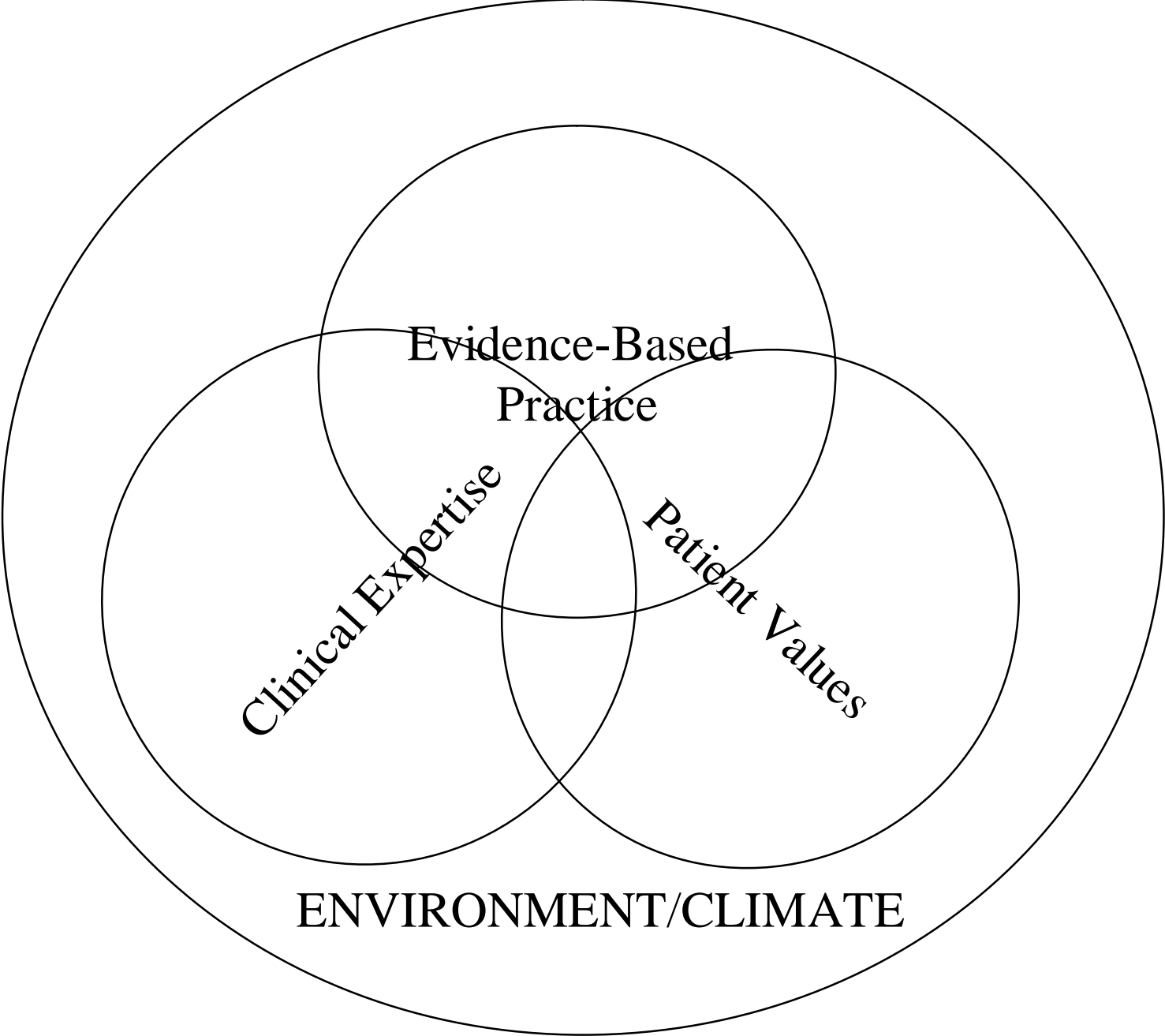
Unique Challenges and Key Thrusts Ahead

- Clinical Relevance
 - Clinical Practice
 - Patient Value
 - Evidence Based Practice
- Clinical Education
- Clinical Practice

Clinical Relevance

Evidence-based medicine (EBM) is the integration of best research evidence with clinical expertise and patient values.

Sackett et al, 2000



Evidence-Based
Practice

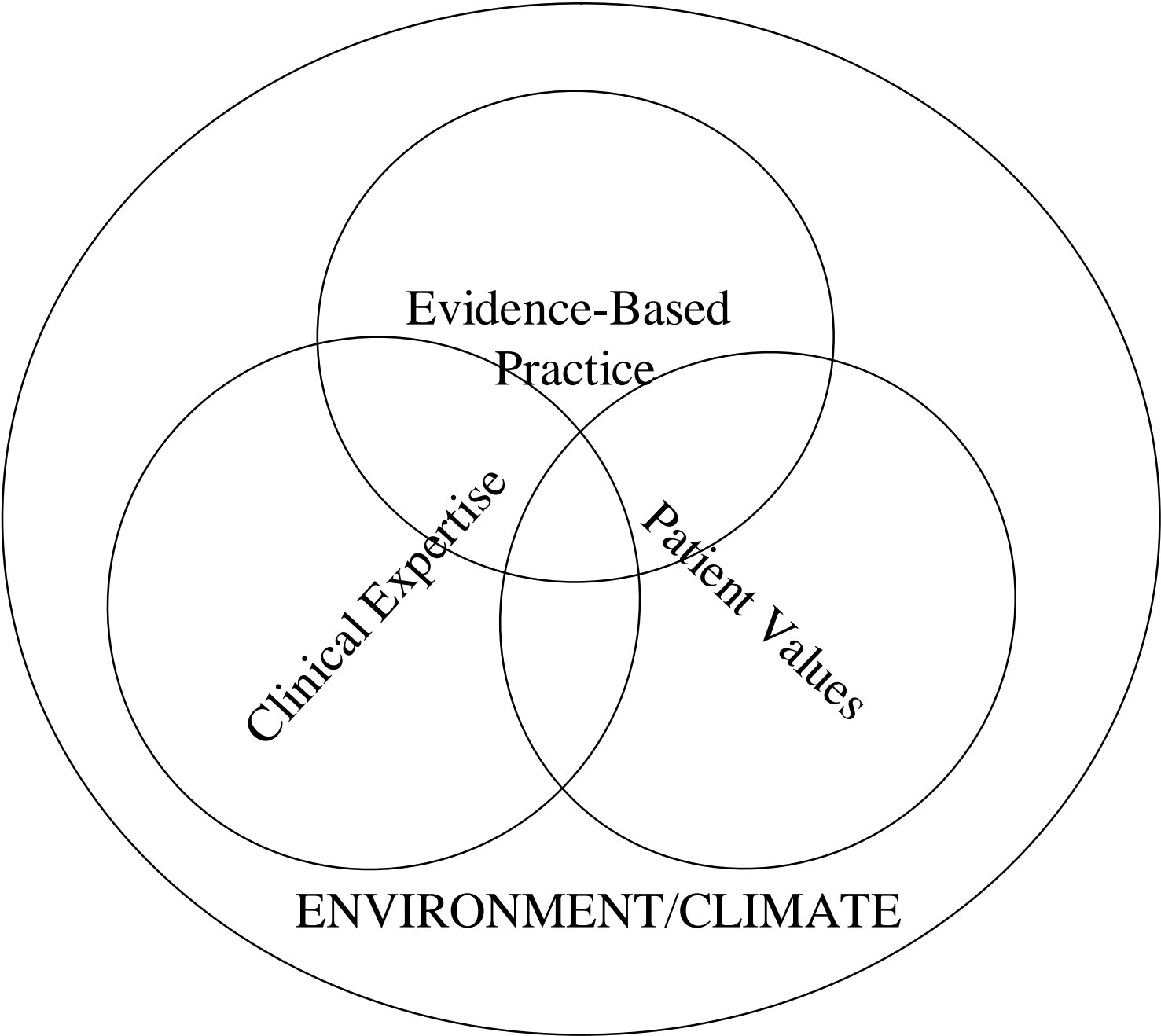
Clinical Expertise

Patient Values

ENVIRONMENT/CLIMATE

Clinical Expertise

- Specialization Vs Isolation
- Expertise Vs Value for money



Evidence-Based
Practice

Clinical Expertise

Patient Values

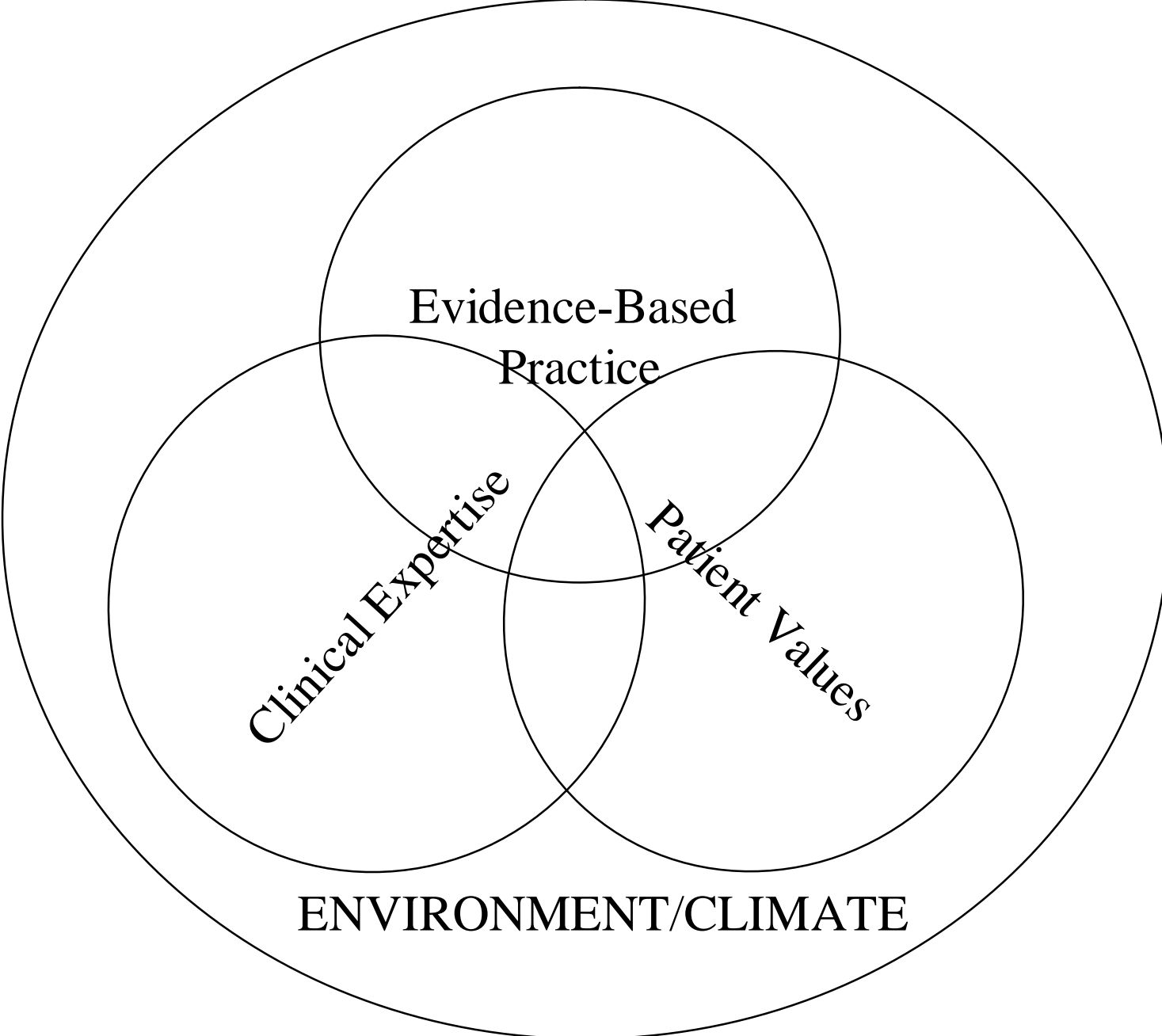
ENVIRONMENT/CLIMATE

Patient Values

- Reducing Morbidity & Mortality
- Early Discharge
- Efficient & Effective
- Value for money
- Access to Care
- Insurance
- Availability of information – marketing platform
- Competing Lifestyle and Alternative Elements

How to help physical therapists apply new knowledge and the best research evidence in the context of patient values has been a topic of considerable discussion but little scientific investigation.

Jules M Rothstein , 2004



Evidence-Based
Practice

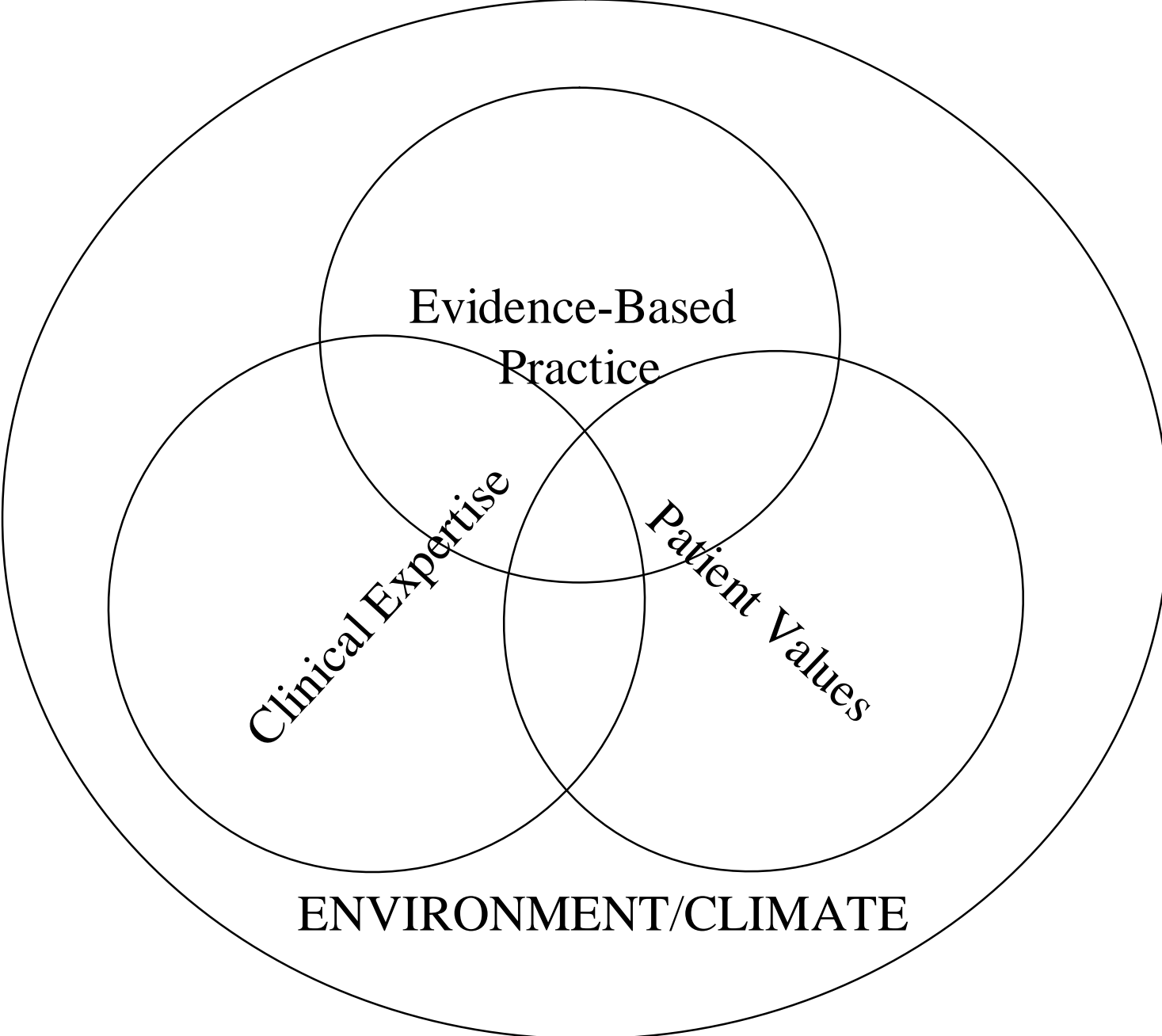
Clinical Expertise

Patient Values

ENVIRONMENT/CLIMATE

Evidence Based Medicine

- Practical
- Value for money
- Environment dependent
- Research Culture



Evidence-Based
Practice

Clinical Expertise

Patient Values

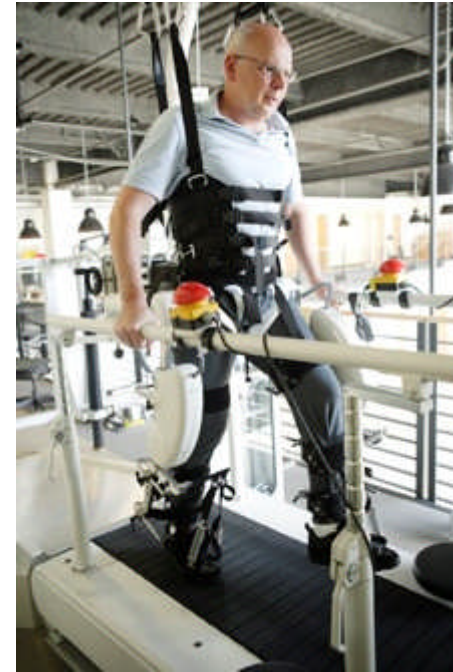
ENVIRONMENT/CLIMATE

Environment

- Aging population
- Chronic Illnesses
- Communication and technology
- Technological Advances

Nicolls DA & Larmer P, 2005

Lokomat



Clinical Education

Diploma
Degree
Masters
Clinical Doctorate

Clinical Practice

Clinical Practice

- Autonomy
- Registration
- Manpower
- Leaders
- Relevance in Hospital
- Relevance in Community Settings

1. Sackett DL, Straus S, Richardson S, et al. *Evidence-Based Medicine: How to Practice and Teach EBM*. 2nd ed. London: Churchill Livingstone;2000 :1.
2. Rothstein Jules M, The Difference Between Knowing and Applying ,*PHYS THER*, Vol. 84, No. 4, April 2004, pp. 310-311

2000 APTA Presidential Address

**JK Richardson, PT, PhD, OCS, is Chairman,
Department of Physical Therapy and Occupational
Therapy, Duke University Health System, and
Professor and Chair, Doctor of Physical Therapy
Program, School of Medicine, Duke University,**

- We need to take advantage of our opportunities and turn them into action.
- We need to elevate our profession, our quality of care, and our patient advocacy.
- We need to earn respect and recognition through our education and practice.
- We need to learn to be flexible and adapt in anticipation of change.
- We must develop a plan to help us achieve the goals of our Vision so that all in our profession will benefit.