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JOHNS HOPKINS
BLOOMBERG
SCHOOL *of* PUBLIC HEALTH

Disability and Morbidity

Adnan A. Hyder, MD, PhD, MPH
Johns Hopkins University



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Section A

Conceptual Framework for Transitions
between Health States: Illustrative

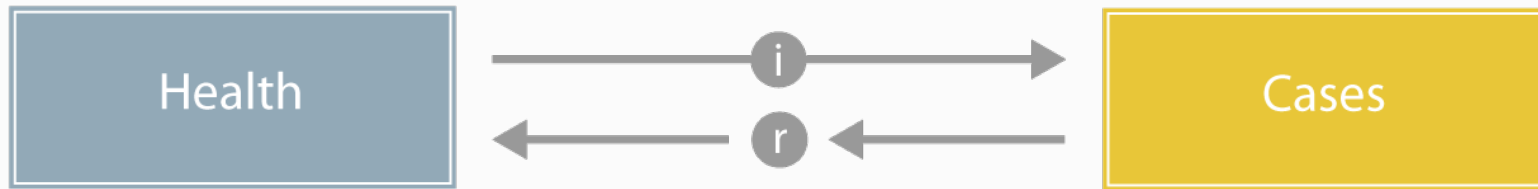
Transitions and States

Health

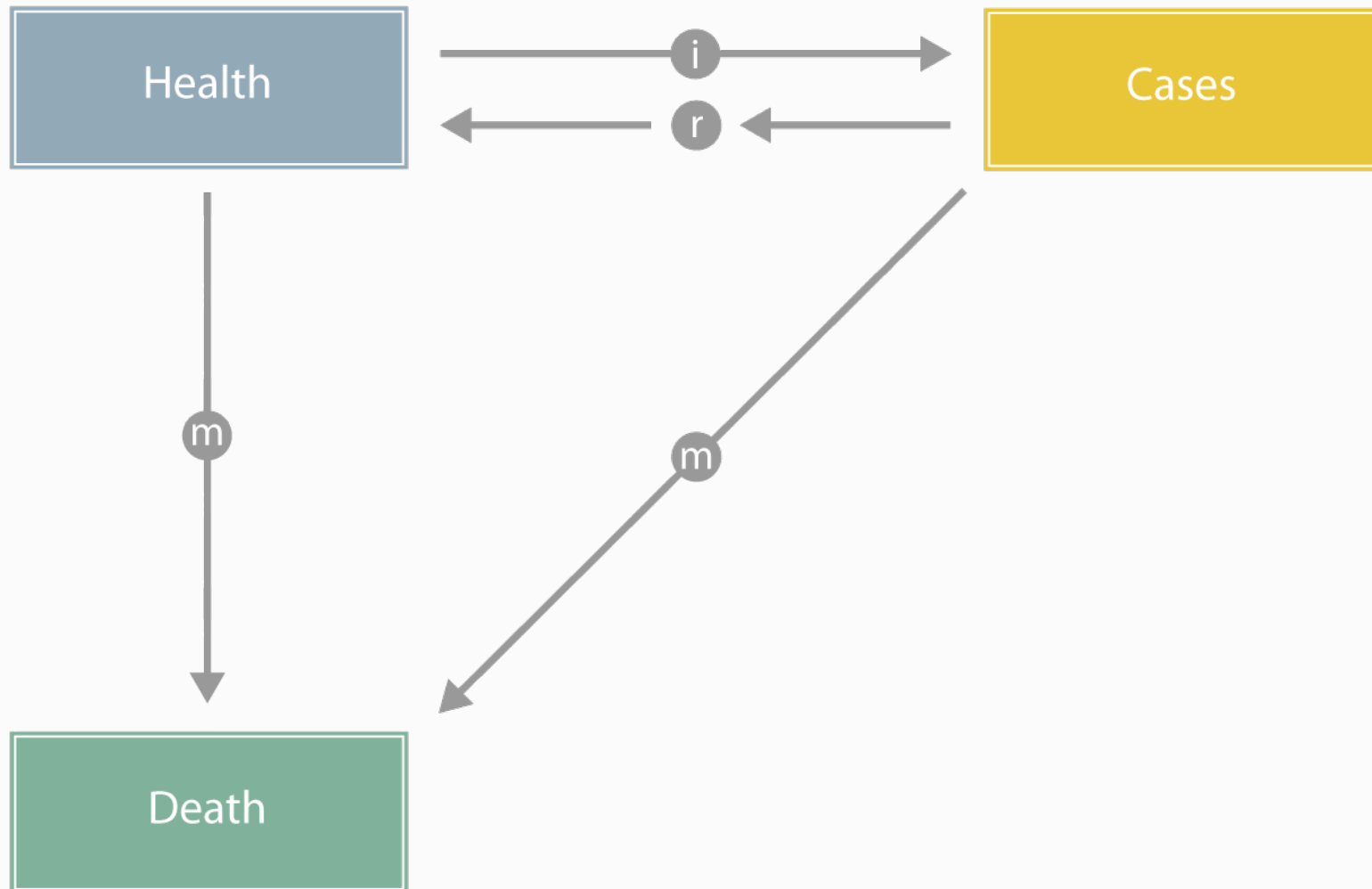
Transitions and States



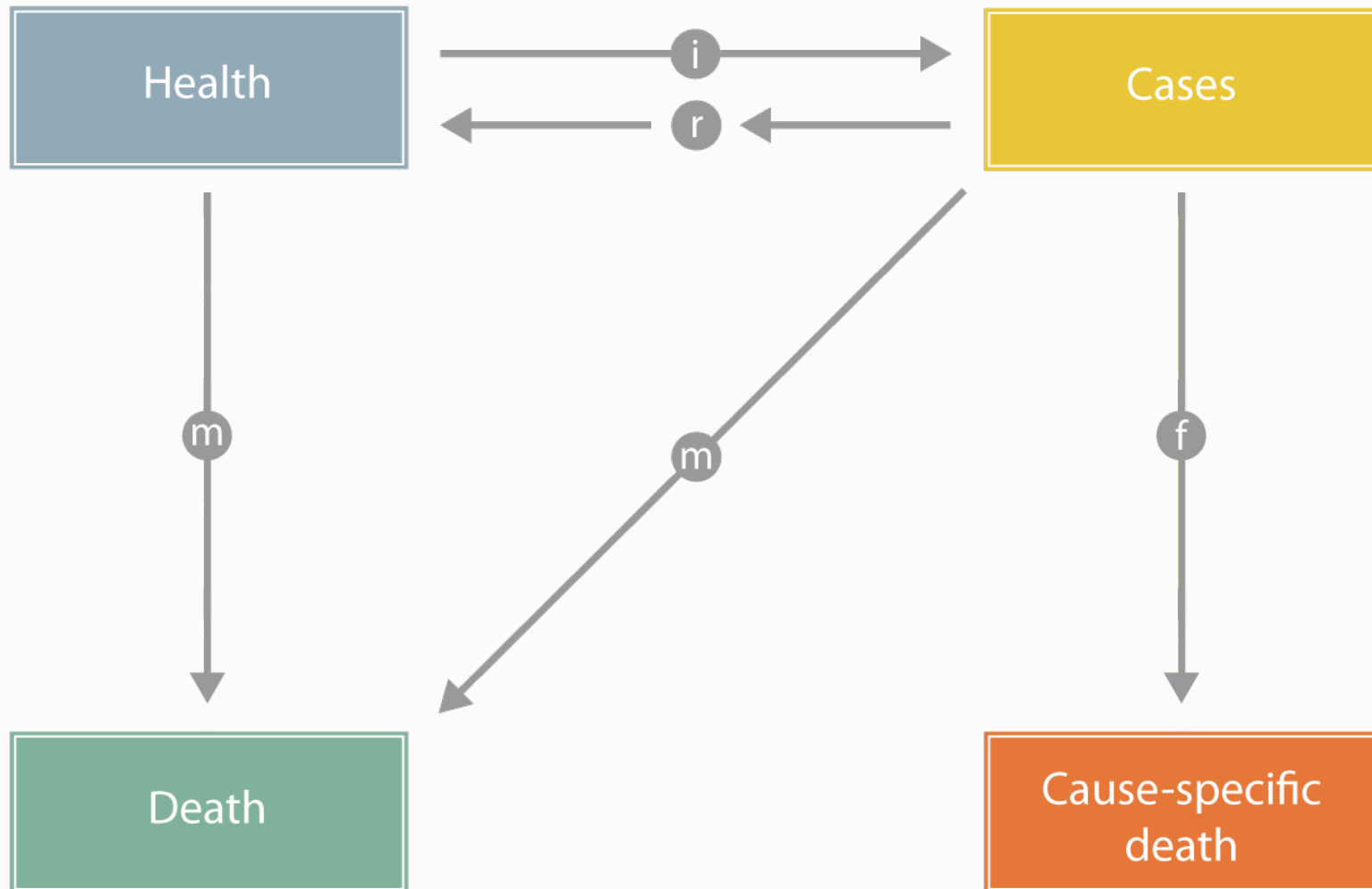
Transitions and States



Transitions and States



Transitions and States



Health States

- Definitions and frameworks

Defining Health States

- List of “domains of functioning” and “classification of limitation”
- Total well-being vs. domains of performance “within the skin” only
- Use of surveys for assessment
 - Single global question
 - Activities of daily living in 6-10 domains (ADL)
 - More complex tasks; instrumental activities of daily living (IADL)

Defining Disability

- ICD 1993: International Classification of Diseases, 10th Edition (reference)
- 1980: International Classification of Impairments, Disabilities, and Handicaps (ICIDH: WHO 1980)
 - Impairment: loss of function or structure
 - Disability: functional limitation of activity
 - Handicap: role limitations, dependence

ICIDH—WHO 1980

Intrinsic	Exterior	Objective	Socialized

ICIDH—WHO 1980

Intrinsic	Exterior	Objective	Socialized
Disorder	Impairment	Disability	Handicap

ICIDH—WHO 1980

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Polio	Paralysis of leg muscle	Inability to walk	Unemployment

ICIDH—WHO 1980

Intrinsic	Exterior	Objective	Socialized
Disorder	Impairment	Disability	Handicap
Polio	Paralysis of leg muscle	Inability to walk	Unemployment
Birth injury to brain	Mental retardation	Learning problems	Social isolation

Defining Disability—ICF

- 2001: International Classification of Functioning, Disability, and Health (ICF: WHO 2001)
 - Complements ICD 10
 - Evolution of ICIDH from consequences of diseases
 - To components of health (“neutral stand”)

ICF

- Multi-purpose classification
- Health and well-being
- **Goal:** Scientific basis for understanding and studying health states and health-related outcomes and their determinants ...
- ... and to establish a common language for describing health states ...

ICF—2

- ICF identifies health domains and provides standard and measurable definitions of each

- ICF is organized into three components
 1. Body components
 2. Activities and participation
 3. Environmental factors

ICF—3: (a) Body Construct

- Impairments in body function or structures (deviation from expected norm)
- Body functions
 - Functions of body systems
- Body structures
 - Anatomic parts of the body

ICF–4: (b.1) Activities and Participation

- Single common list of life areas
- Performance
 - What is done in the *current* environment
 - Involvement, *lived within context*
- Capacity
 - Ability to do *what is expected* by ICF
 - *Why* performance may be so
 - Concept of “uniform environment” for comparison purposes

ICF–5 (b.2) Example

- Activities/participation information matrix

	Performance	Capacity
1. Learning and applying knowledge		
2. General tasks and demands		
3. Communication		
4. Mobility		
5. Self-care		
6. Domestic life		
7. Interpersonal interaction		
8. Major life		
9. Community, social, and civic life		

ICF–6: (c) Contextual Factors

- Environmental
 - Physical, social, and attitudinal
 - External to the individual

- Personal
 - Life and living of the person
 - Within the individual (race, gender, etc.)
 - Not classified

ICF—7: Use of ICF

- To describe health states in a standard way
- Body functions/structures and either performance or capacity always described
- These descriptions can be used for valuations of health states
- See: <http://www.who.int/classifications/icf/en/>