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Severe Mental Illnesses: Training and Education

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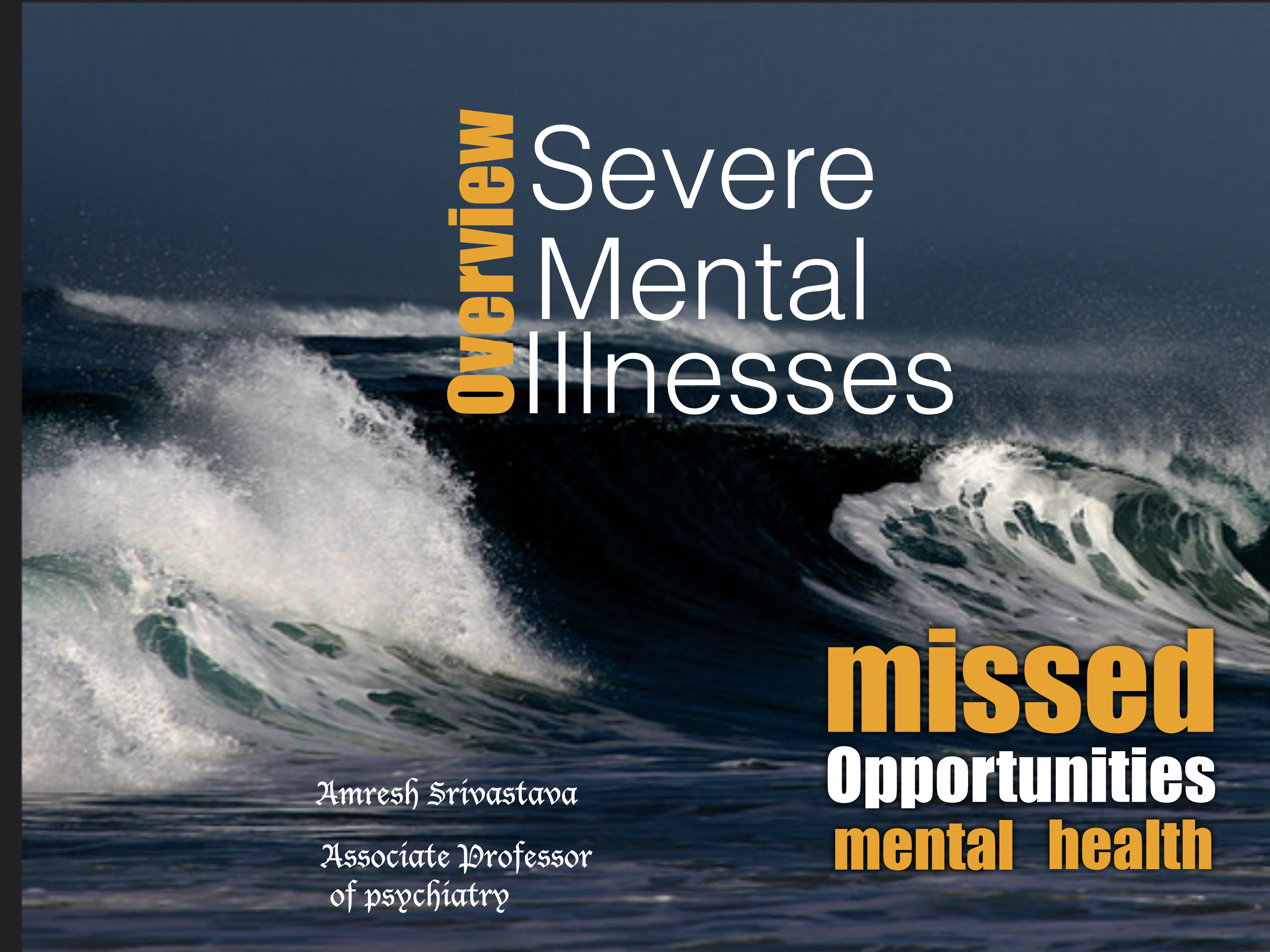
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Overview Severe Mental Illnesses

Amresh Srivastava

*Associate Professor
of psychiatry*



Overview Severe Mental Illnesses

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Associate Professor
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missed
Opportunities
mental health



20% **People
have**

1 **Mental
Disorder**

30% Patients have no
No Access to care
for mental disorders

A dark gray world map is centered in the background of the slide. The continents are visible in a slightly lighter shade of gray.

Any Mental
disorder

18.6%

Severe mental
disorder

4.1%

About 25% of any mental disorder become severe mental disorder.
All severe mental disorders are not 'serious mental disorder'

Severe mental illness Definition

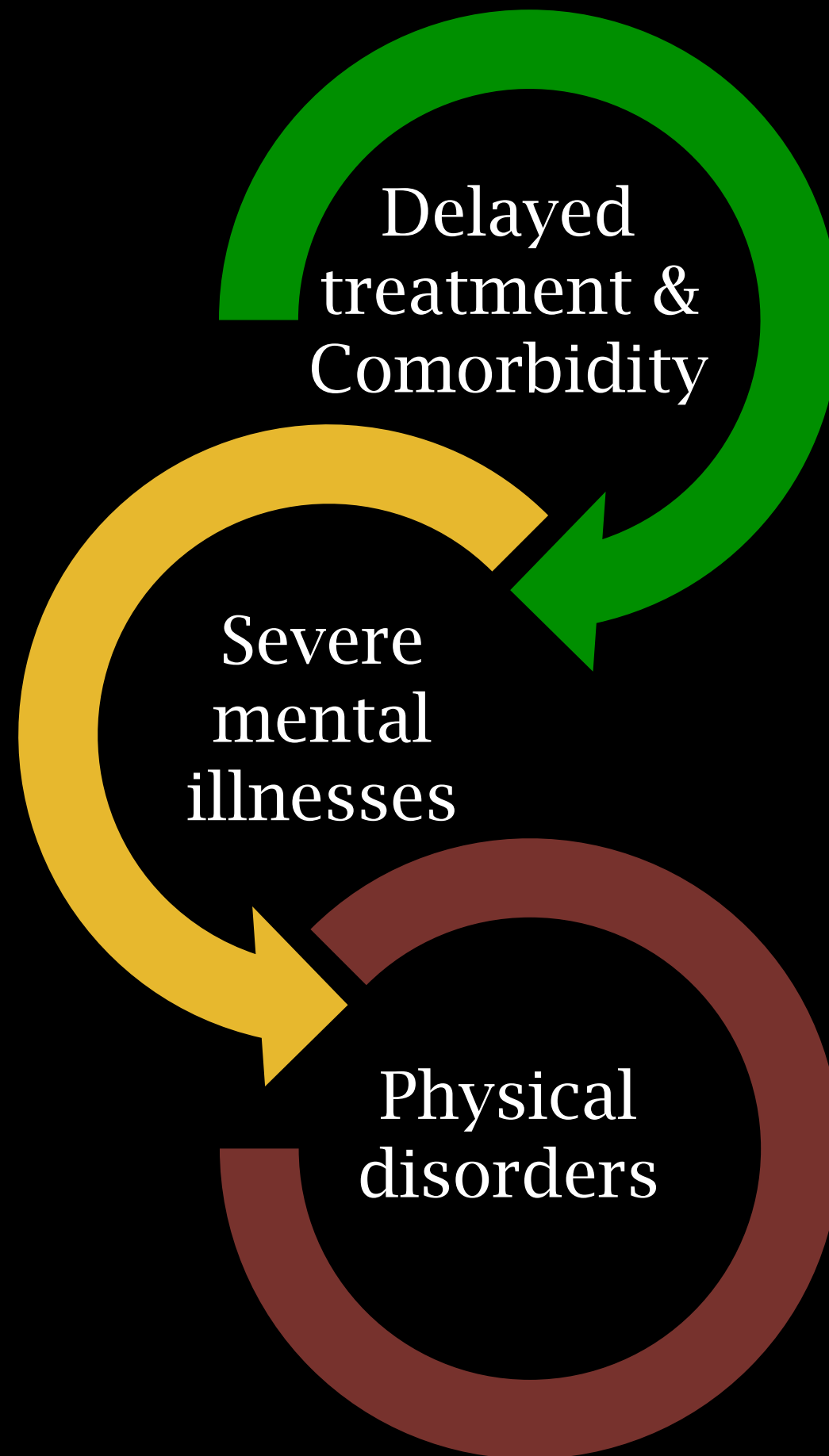
Patients with

(1) DSM IV criteria for
mental disorder

(3) Substantially
interferes with or
limits one or more
major life activity

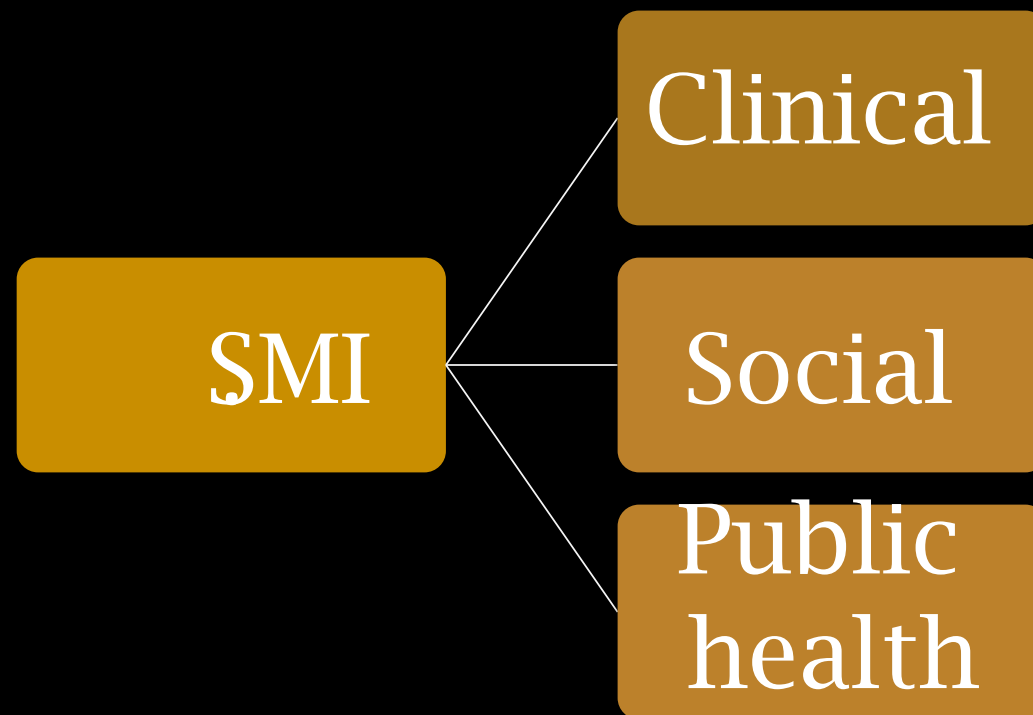
(2) Serious
functional
impairment which

& (4) have a two
year or longer
history of
mental illness or
treatment

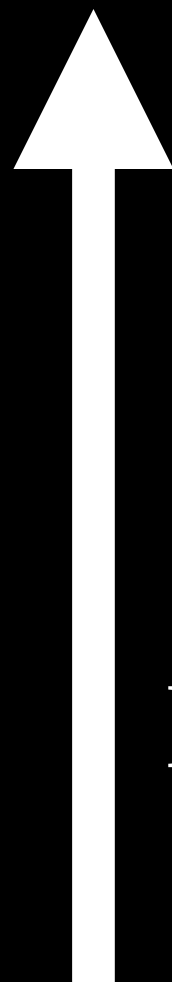


Severe mental illnesses are not an isolated entities. These are complex, treatment resistant, with high mortality, suicide, premature death and repeated hospitalisations

Impact of severe mental illness



Severe mental illnesses
are Clinically complex with serious
psychopathology



Suicide
mortality

Comorbidity

Premature death

Rehospitalization

- Common Clinical conditions seen in Severe mental illnesses

Physical disorders

Polypharmacy

Treatment resistance

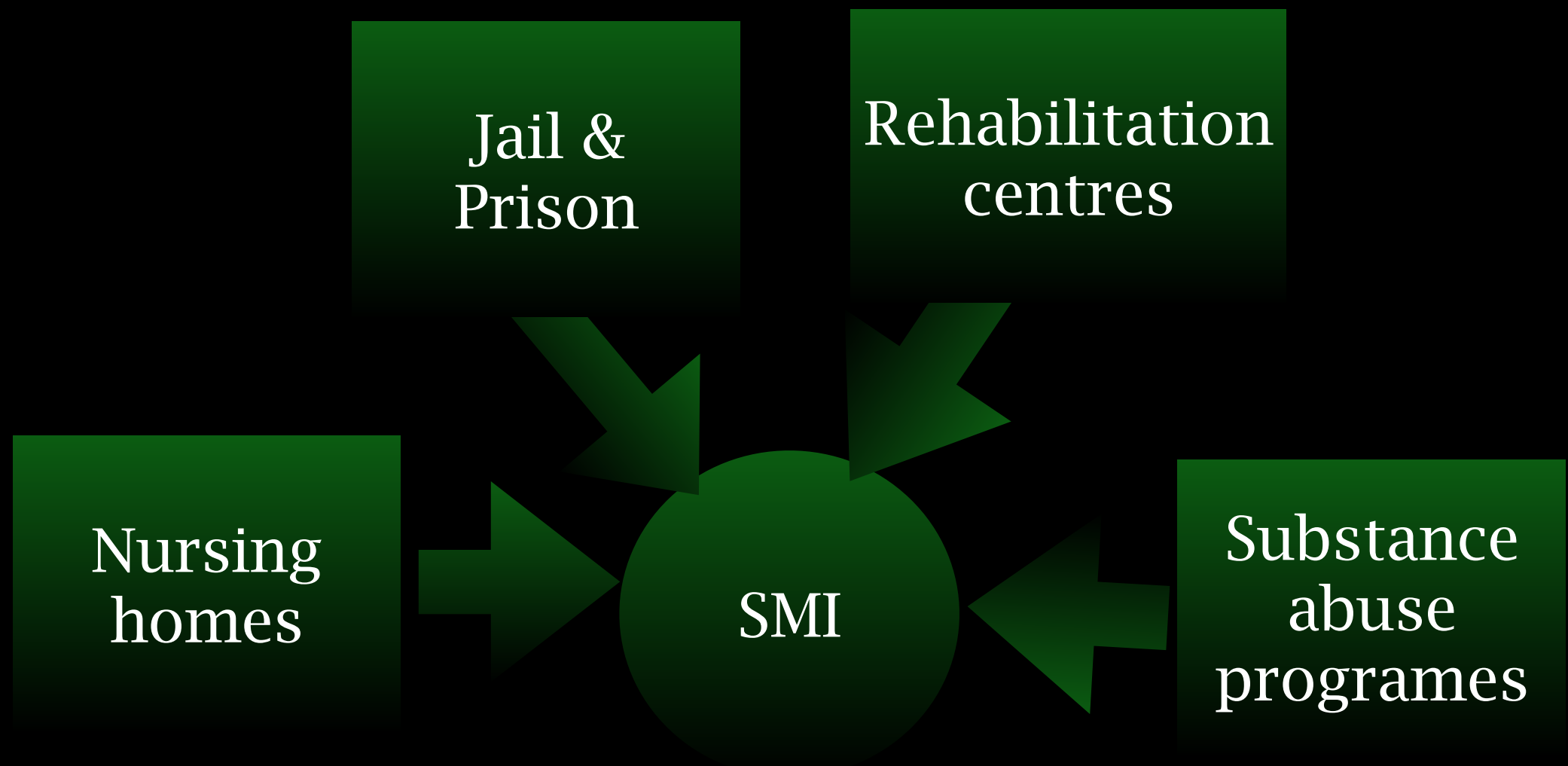
Comorbidity
Axis I and II

Substance abuse

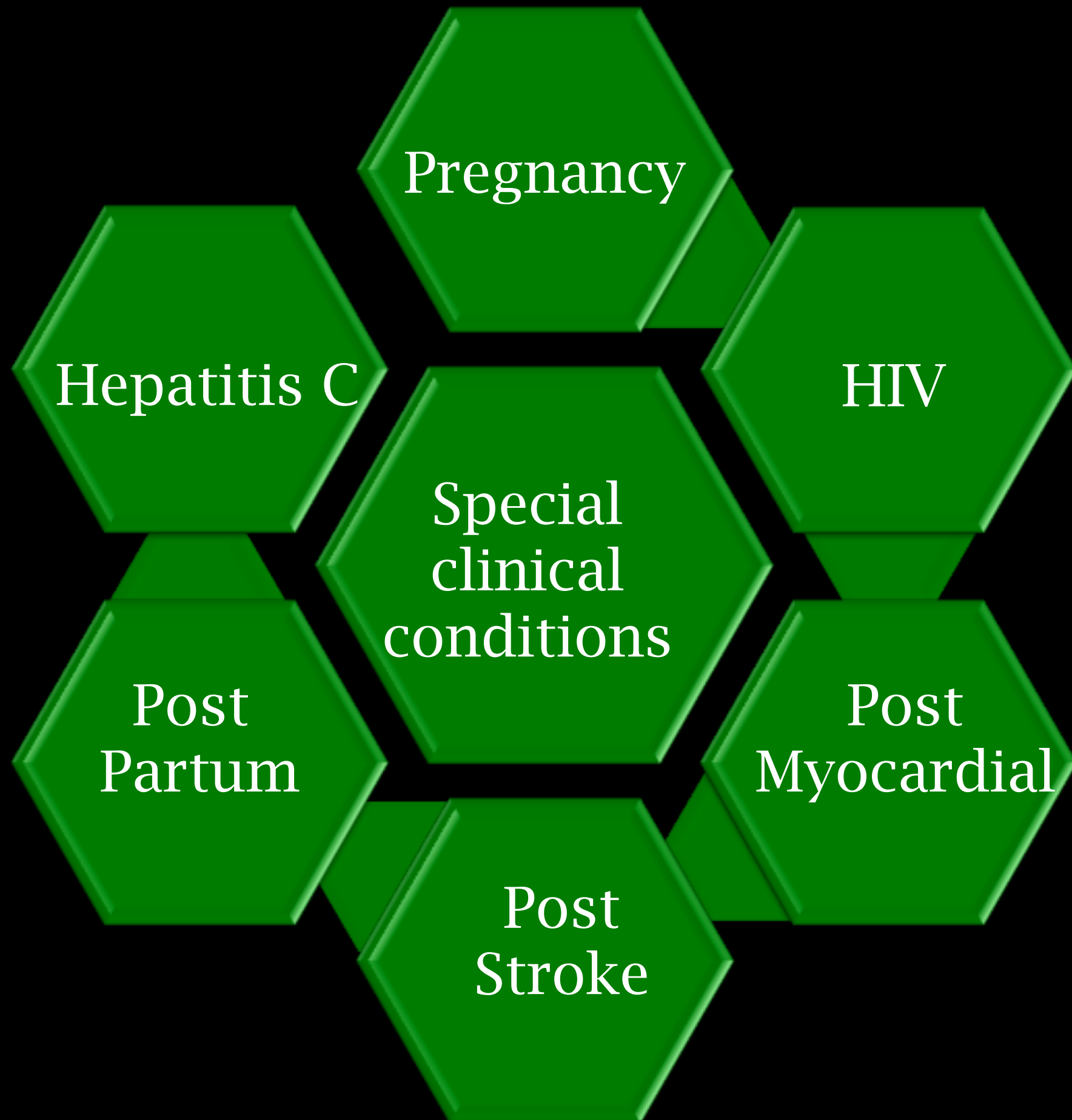
Comorbidity
Axis I, II and III

Side effects

Disability

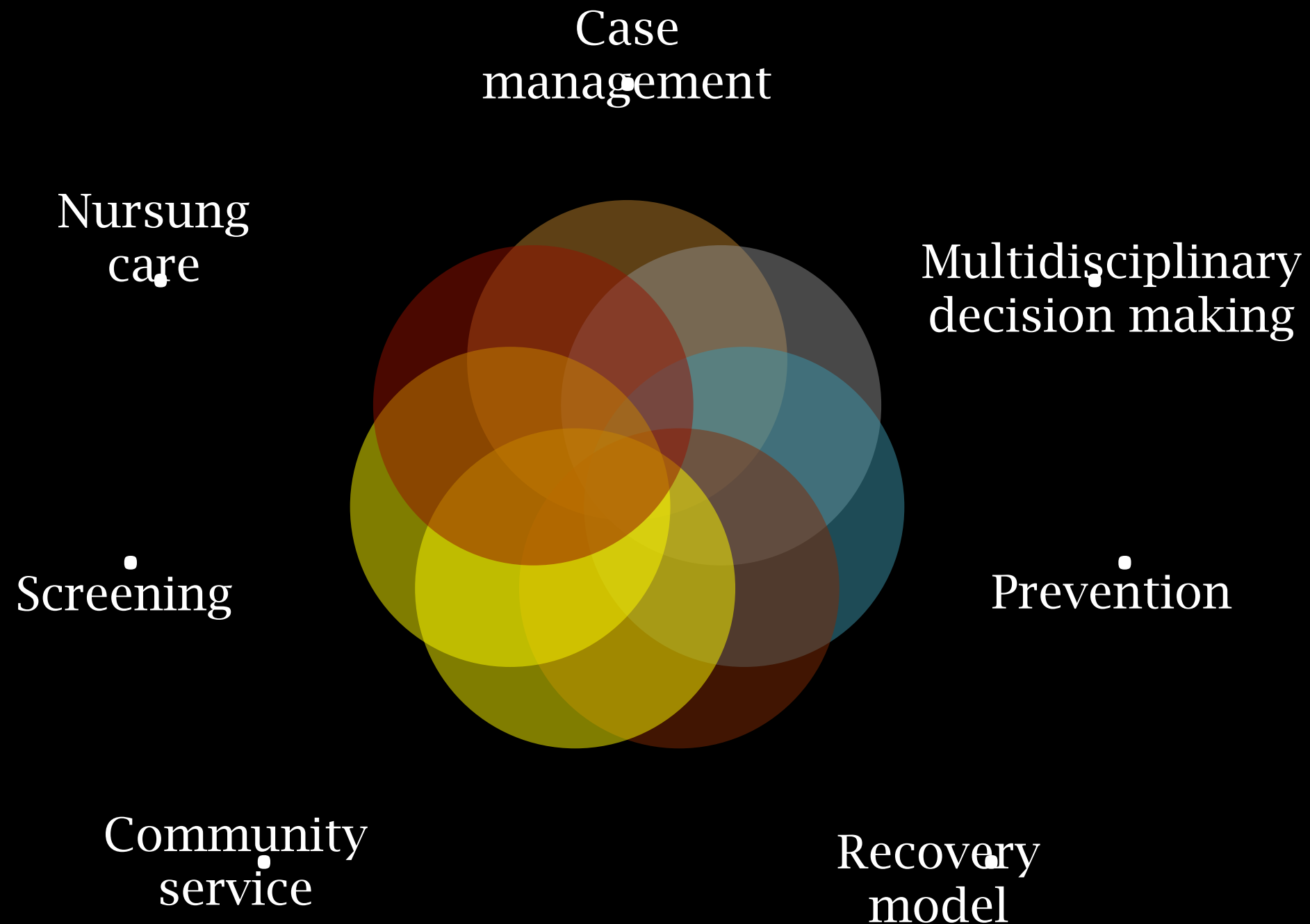


Most of the patients of severe mental illnesses come from specialised centres for management





Important constituents of management of severe mental disorder



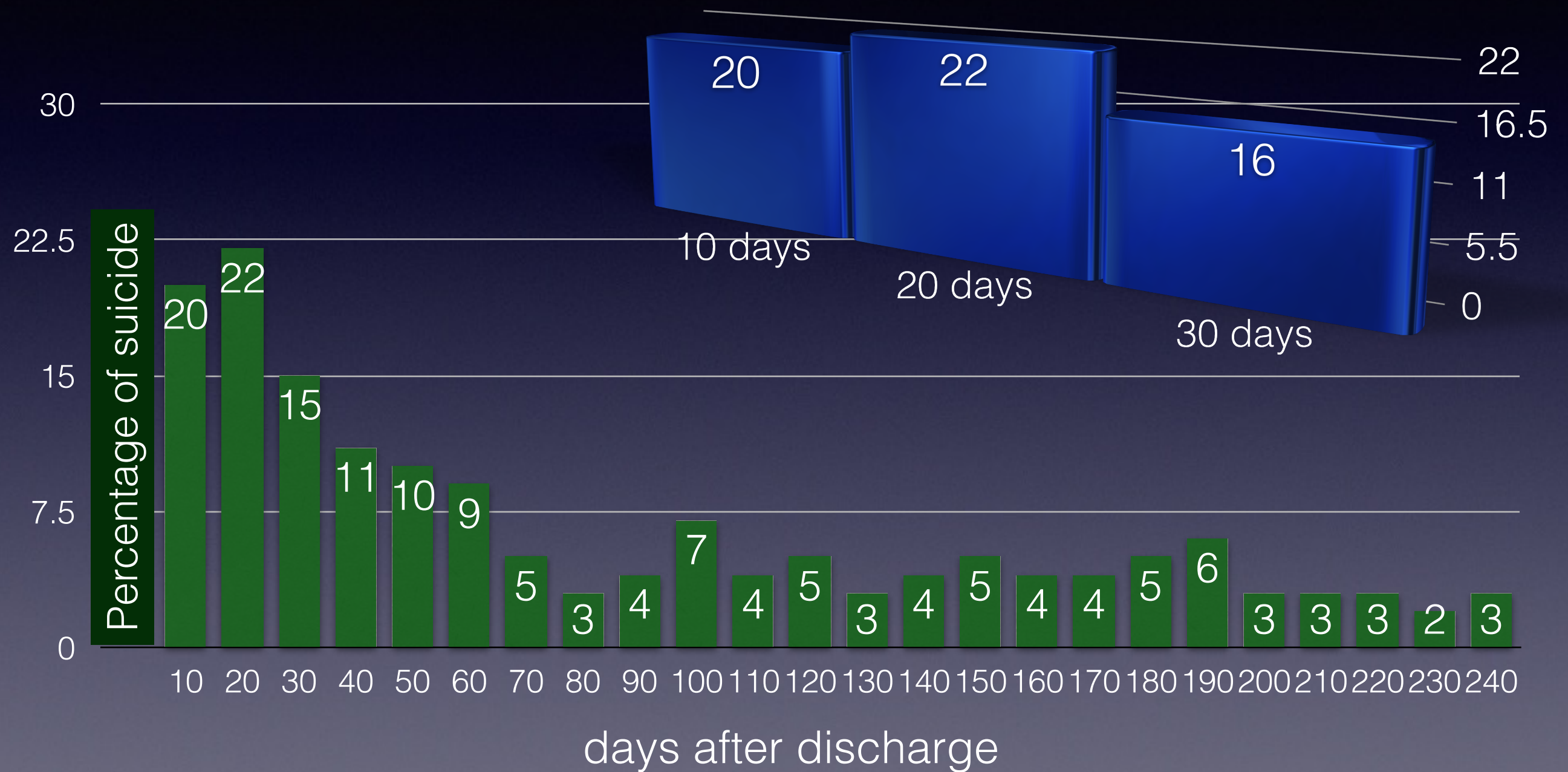


1 **SUICIDE** Every **40** SECONDS

11 **SUICIDE** **211** Attempted suicide
Every day
CANADA

3 times
65 increase
years
CANADA

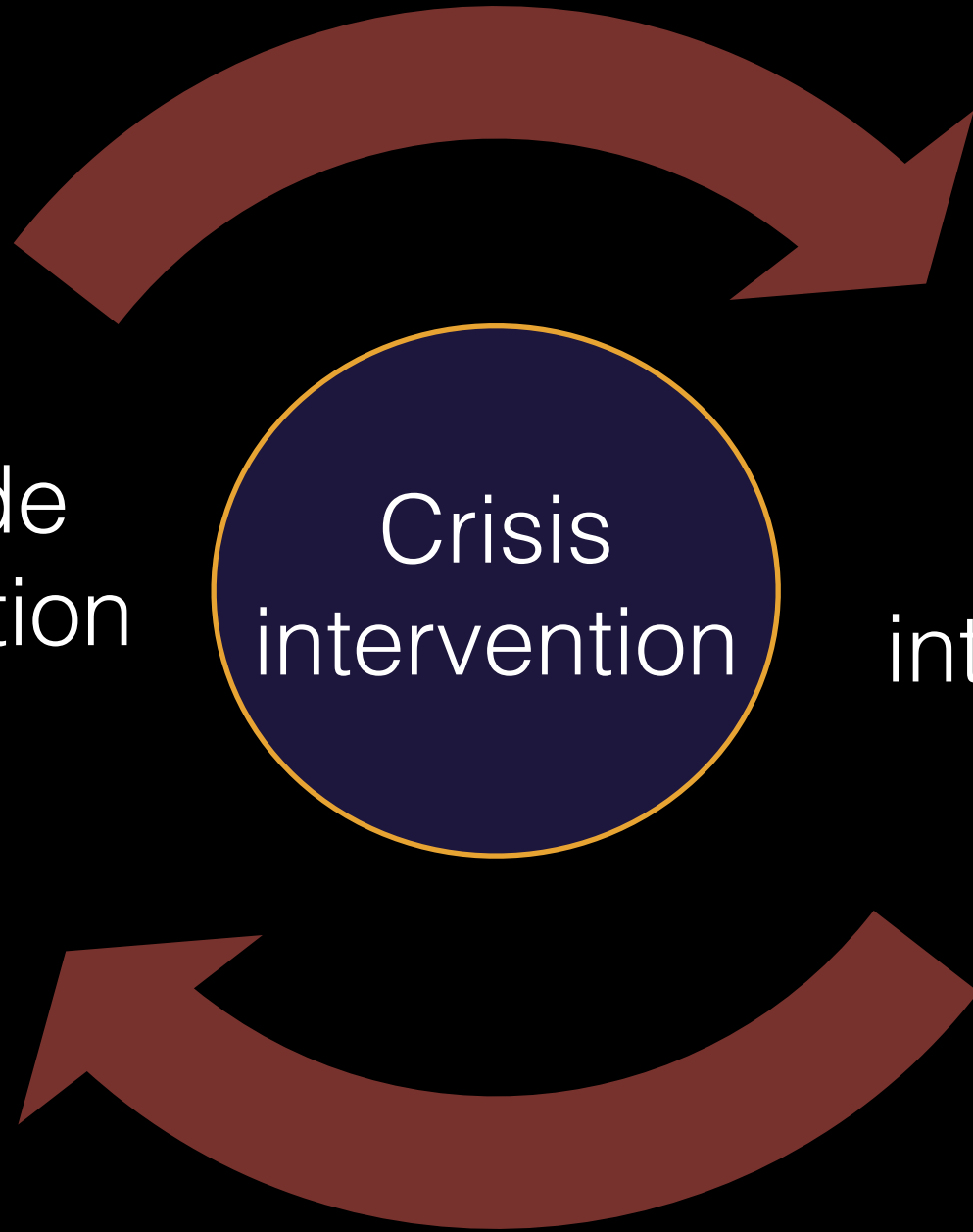
Post-discharge suicide



Suicide
Prevention

Crisis
intervention

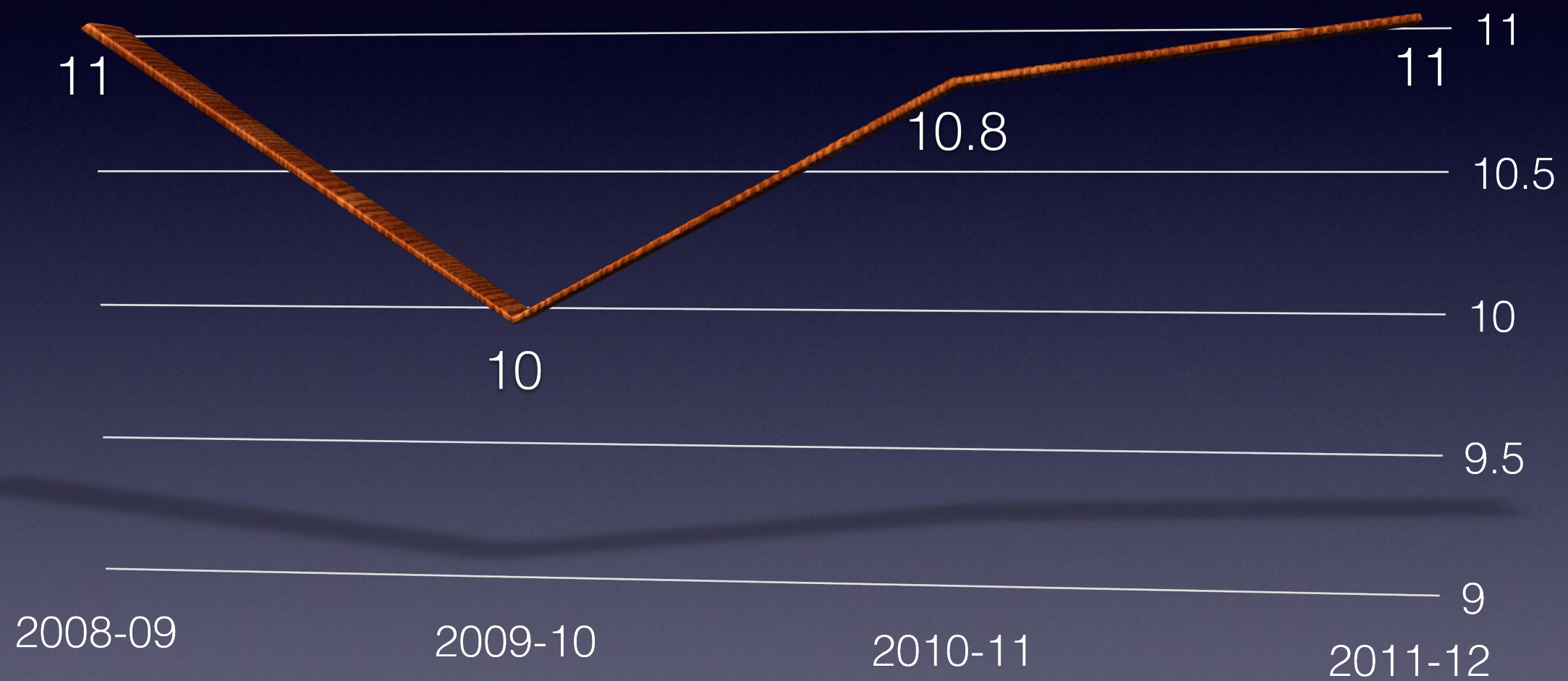
Early
intervention

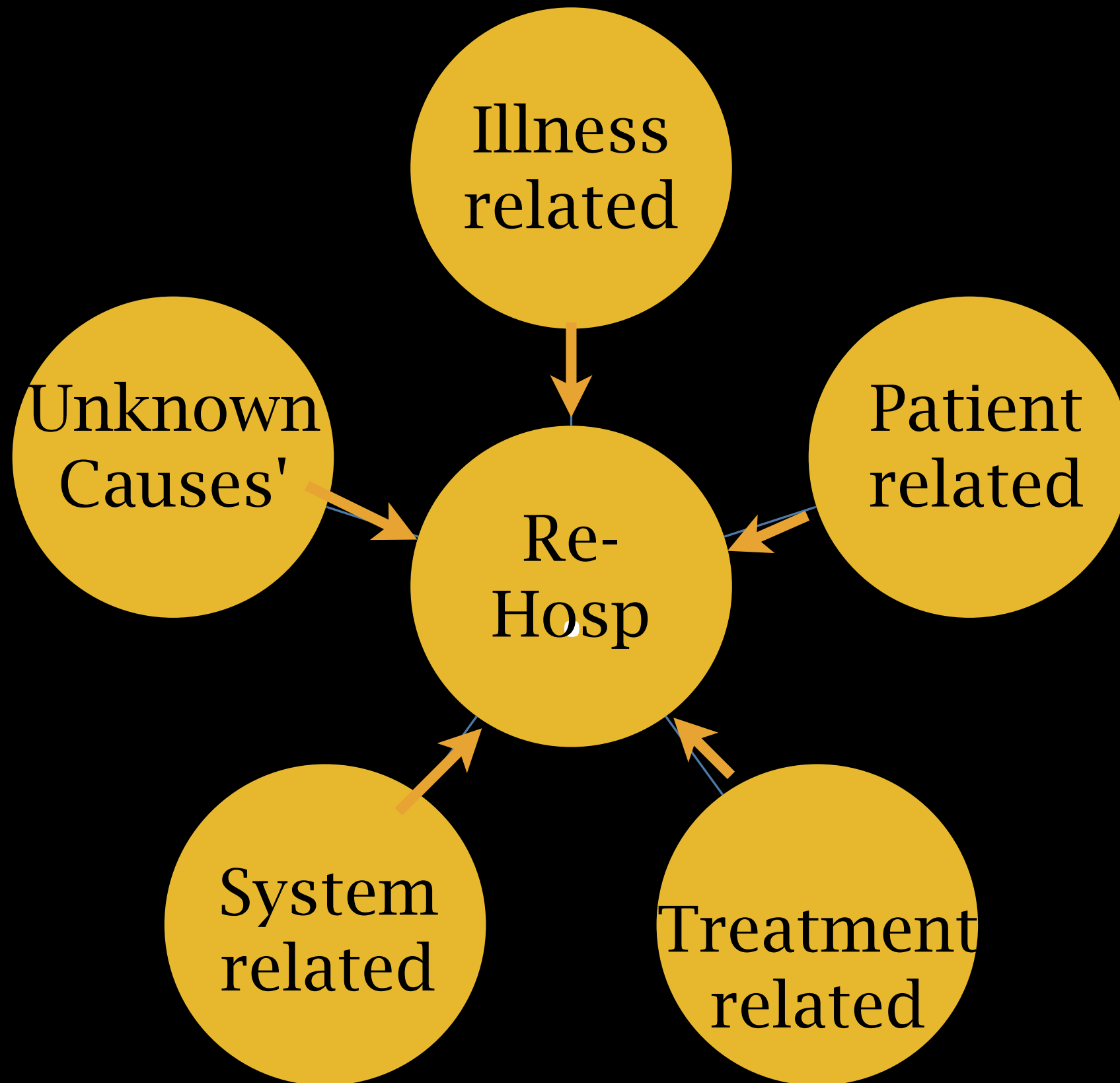


Rehospitalization Rate

Canada

11.1%





Possible causes of
Rehospitalization

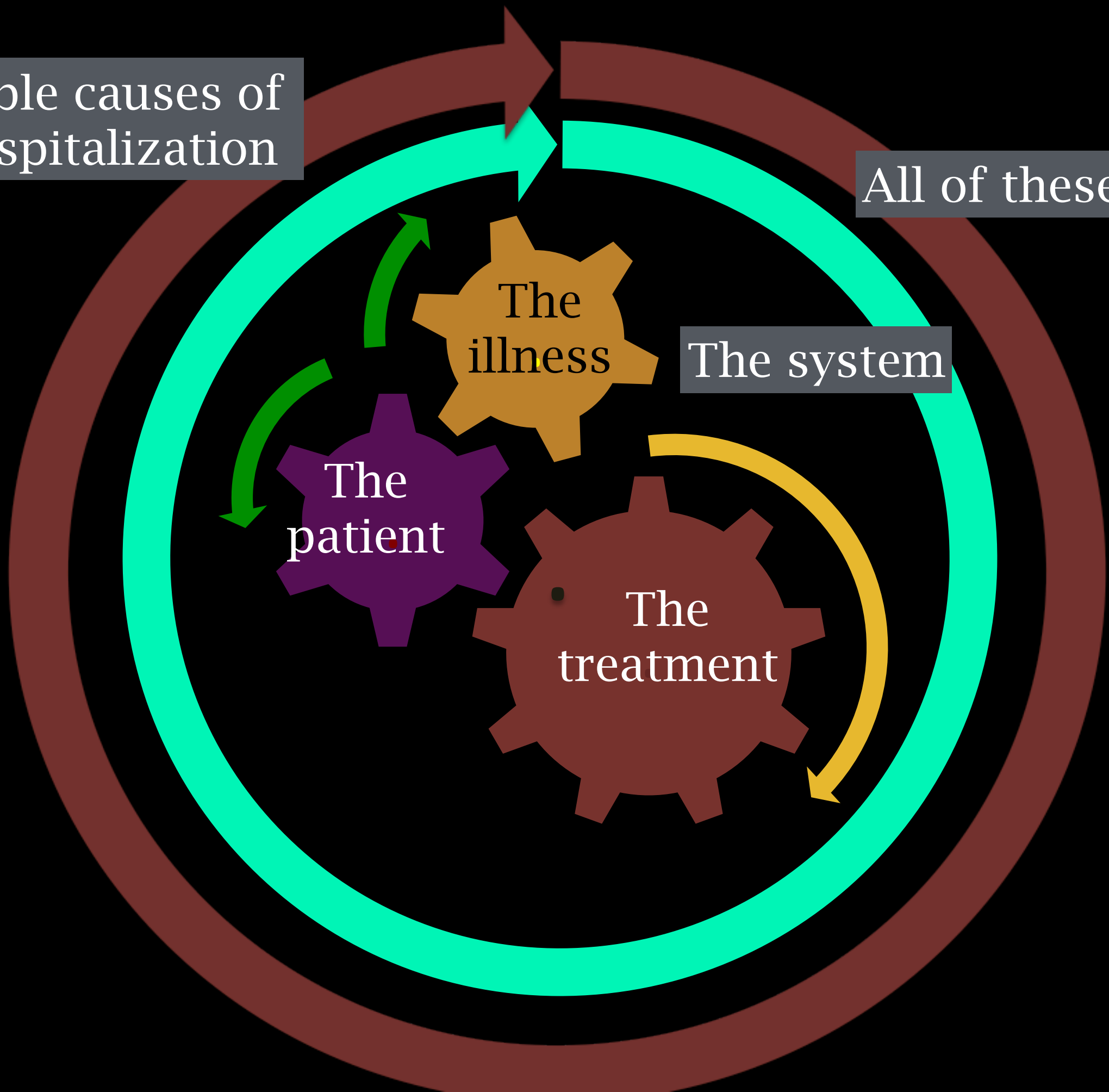
All of these

The
illness

The system

The
patient

The
treatment



The treatment
related causes

```
graph LR; A[The treatment related causes] --- B[Late-onset treatment]; A --- C[Inadequate assessment]; A --- D[Inadequate treatment]; A --- E[Early Discharge];
```

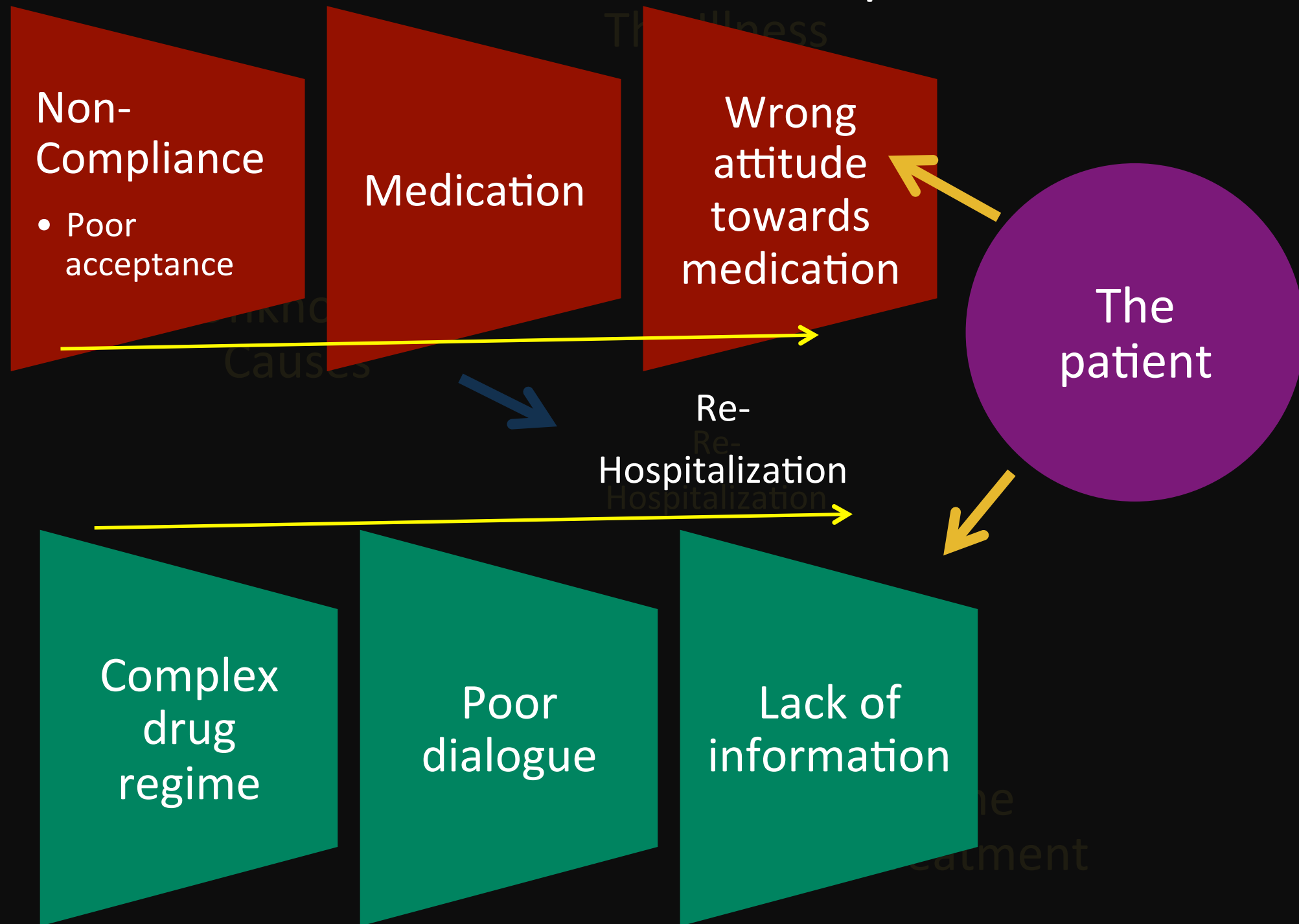
Late-onset
treatment

Inadequate
assessment

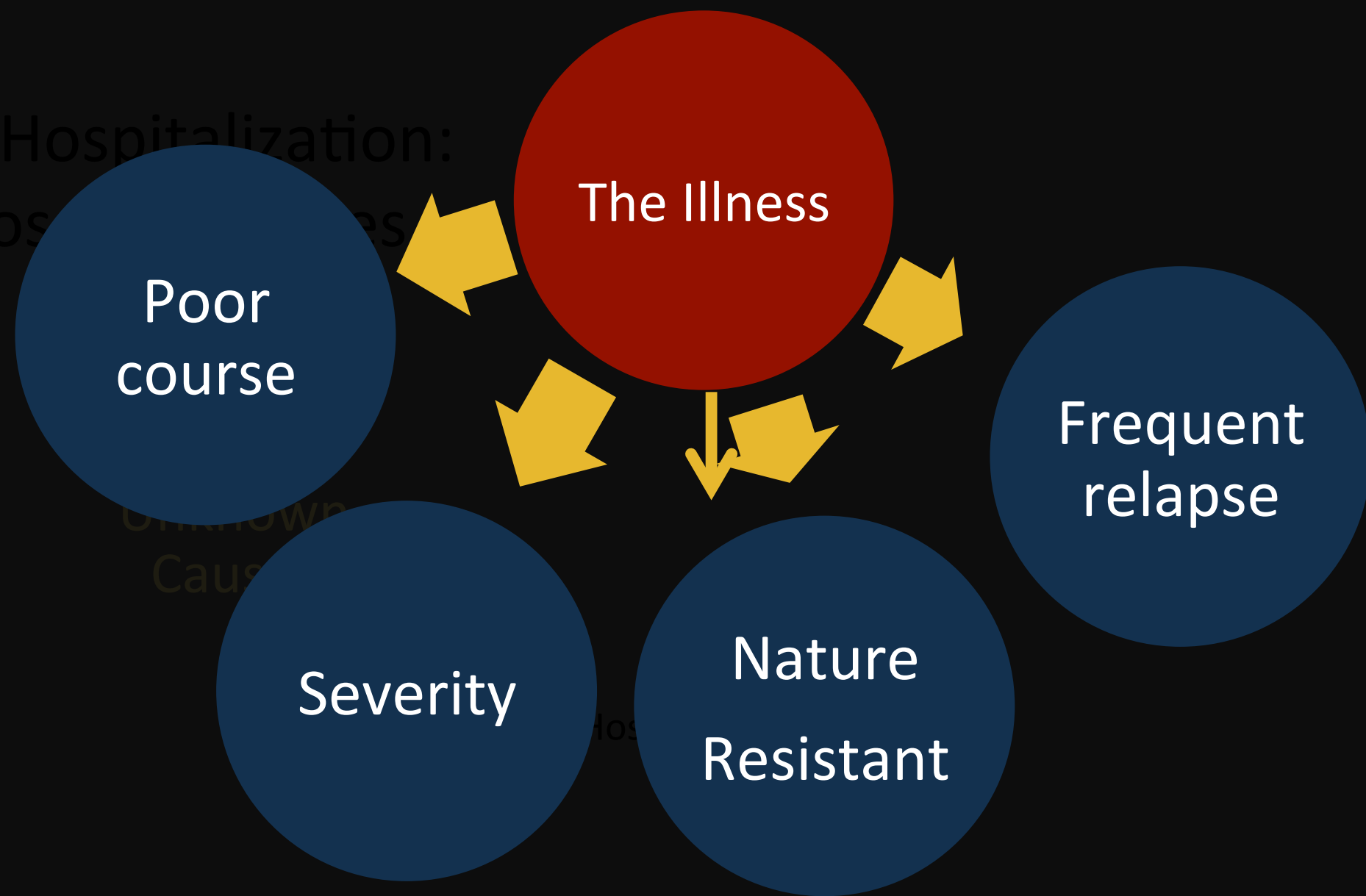
Inadequate
treatment

Early
Discharge

Re-Hospitalization:

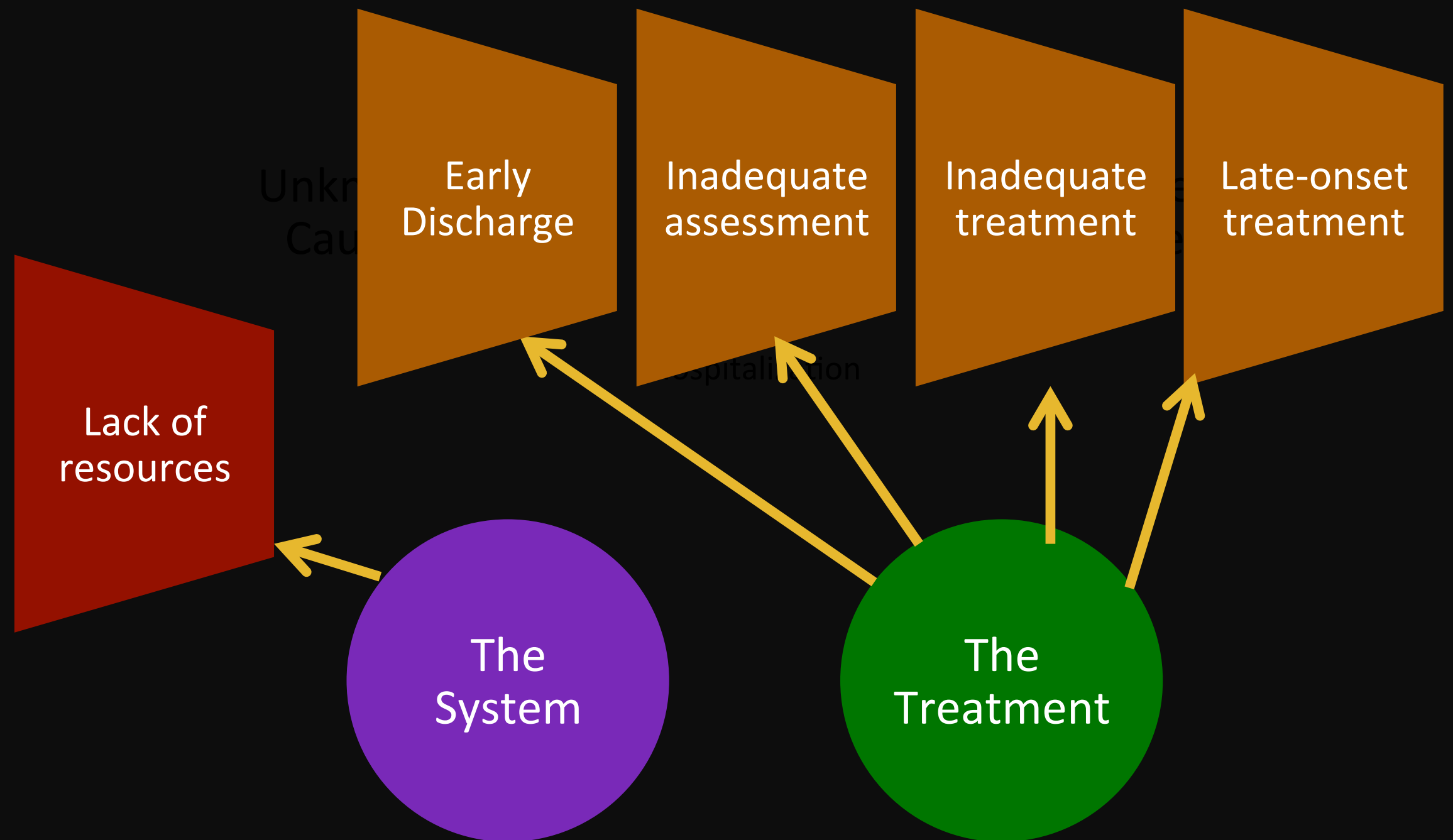


Re-Hospitalization:
Possible Causes



The System
Re-Hospitalization
The Treatment

Re-Hospitalization: Possible Causes



Assisted employment

Disability

Insurance

Finance

Peer support

Family involvement

Partnership with caregivers

Housing

Interdisciplinary
Collaboration

Clinical Monitoring

Therapy

Forensic matters

Ethical issues

Human rights

networking

Risk factors
for mental
disorders

Physical
disorders

Onset Treatment-
physical disorder

Side

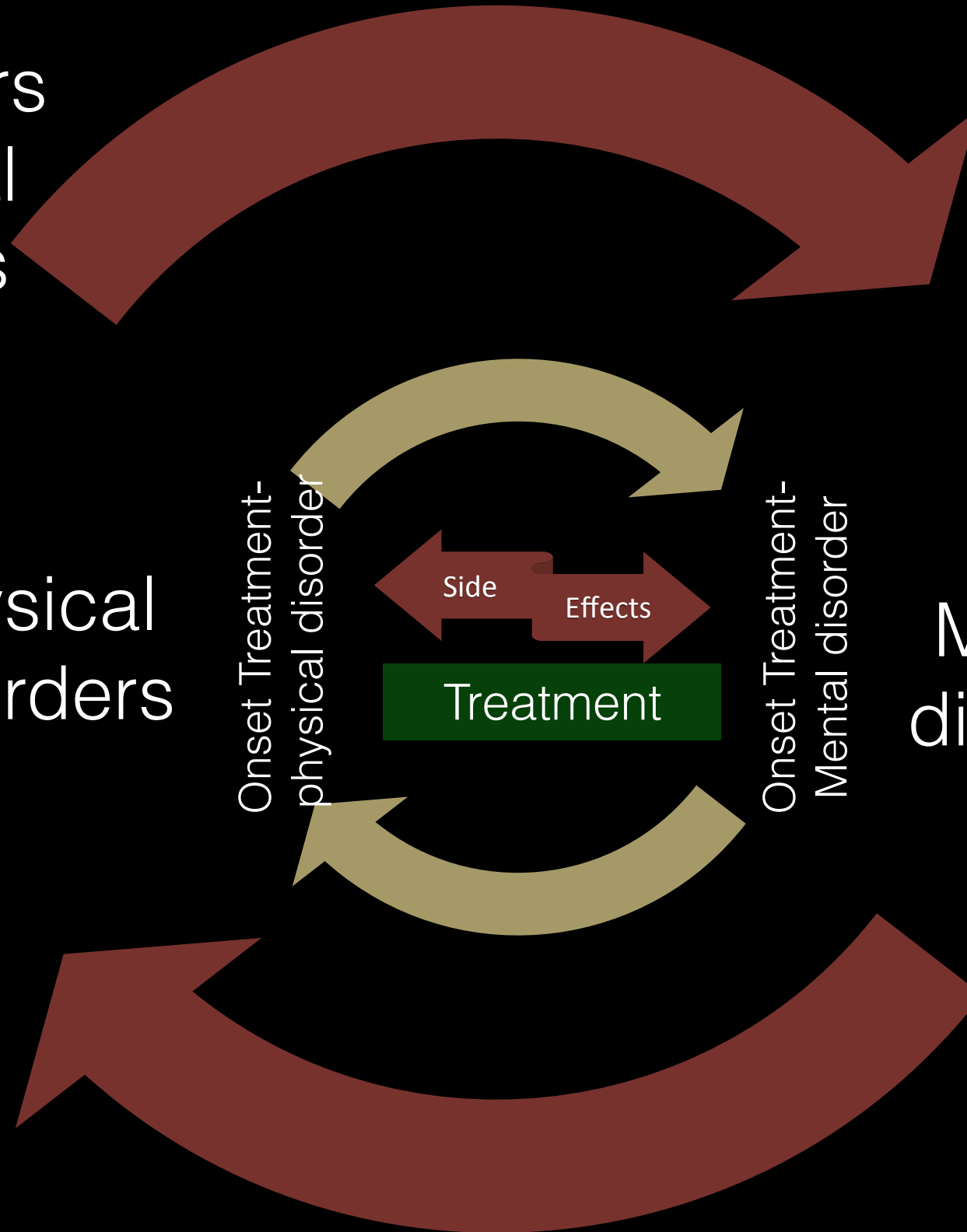
Effects

Treatment

Onset Treatment-
Mental disorder

Mental
disorder

Risk factors
for physical
disorder

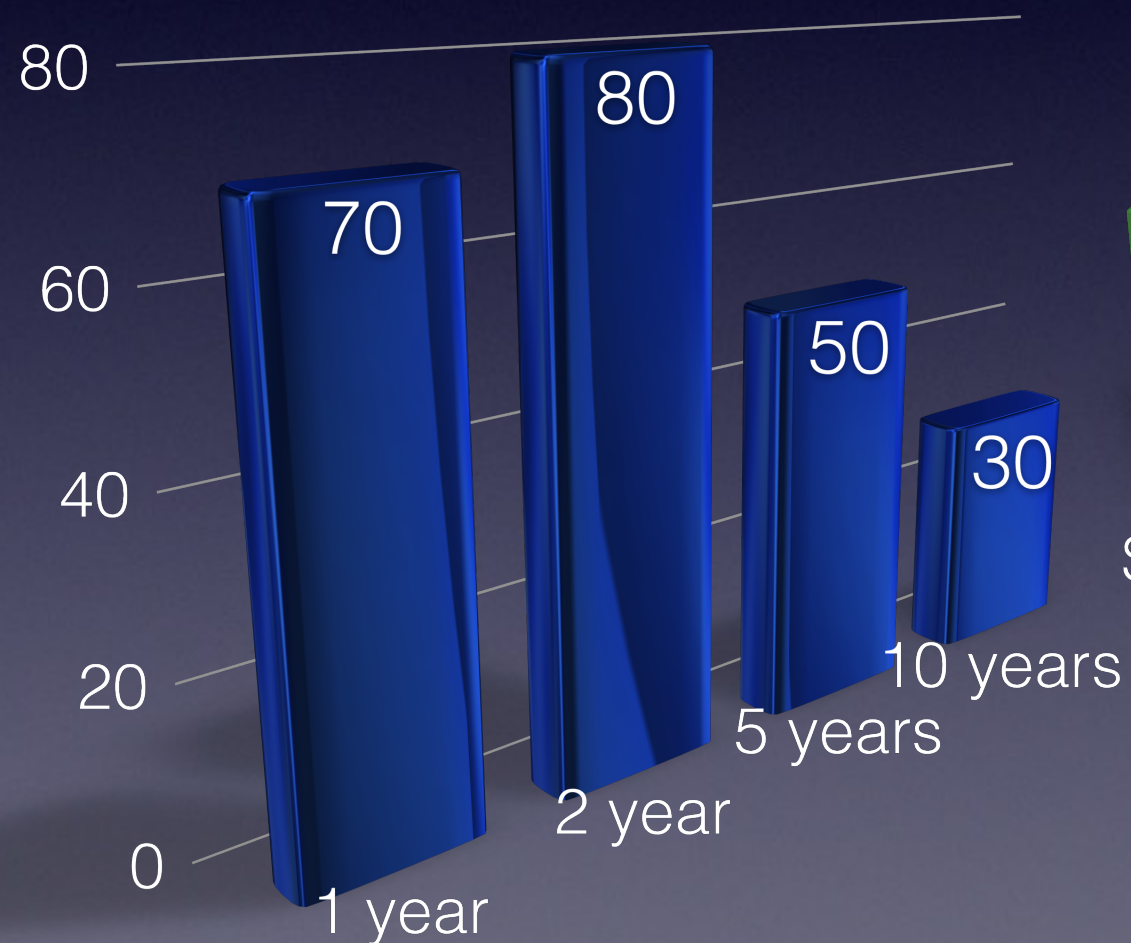


Risk factors for Physical disorders

Nutritional and metabolic diseases,	pregnancy complication •
• cardiovascular diseases,	stomatognathic diseases, and •
• viral diseases,	possibly obesity-related cancers are,
• respiratory tract diseases,	• more prevalent among people with SMI.
• musculoskeletal diseases,	It seems that lifestyle as well as treatment specific factors
• sexual dysfunction,	

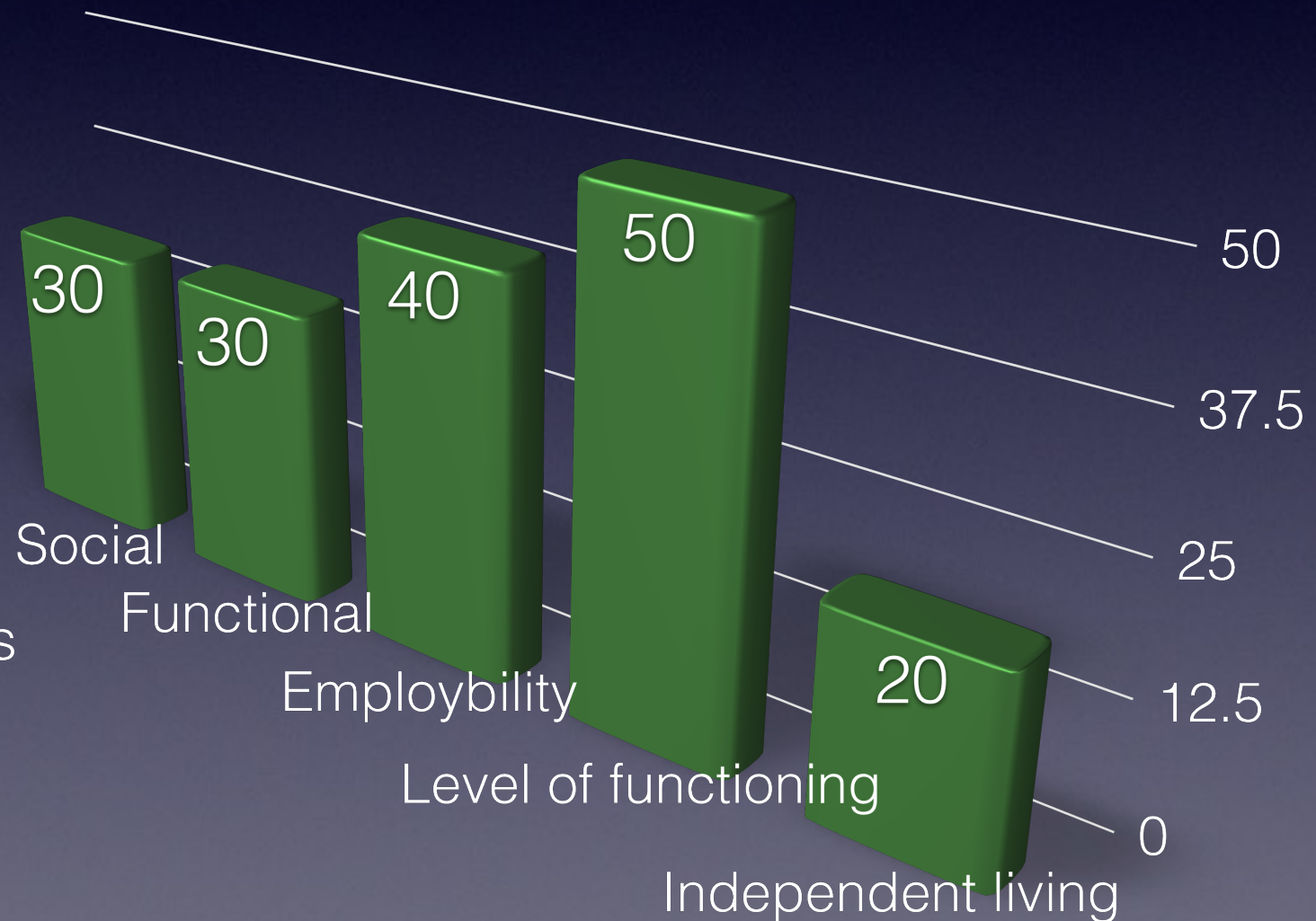
Outcome of SMI (Schizophrenia)

Short term and long term outcome



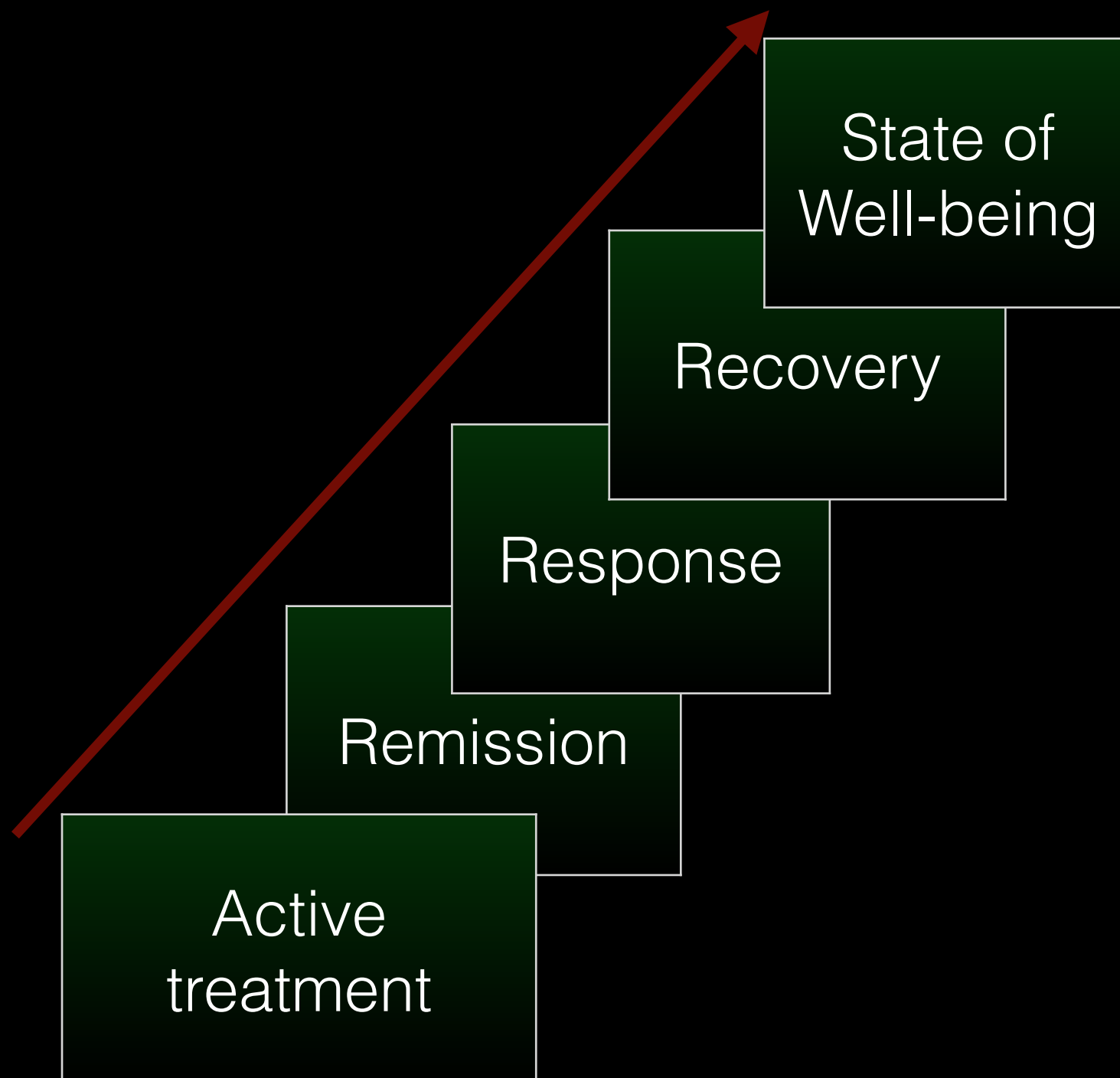
Compiled from studies published in last 10 years

Outcome on specific domains



Amresh Shrivastava et al,
Clinical Schizophrenia an related psychosis, 2012

Step-wise therapeutic methods used in management of SMI



	Program-based intervention
1	Relapse prevention
2	Crisis intervention
3	Early intervention

Way forward in Prevention of mental disorders

Severe mental illness



Not Concluded

Amresh Srivastava

in the next issue we will discuss management of SMI