



Dr Frank Holloway

Module:**Mental Health in the Community****Week 3:**

The epidemiology and burdens of mental disorder

Topic 2:**The burden of mental ill-
health for the individual**

Part 2 of 2

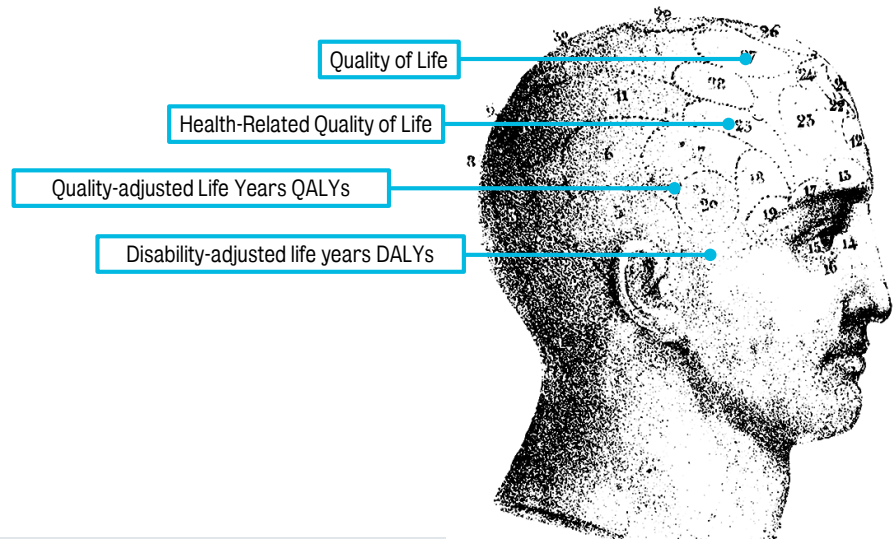
Part 2

Concepts to measure the impact of mental disorders

Measure the impact of illness

individual

society



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Quality of life (QOL)

“A broad multidimensional concept that usually includes subjective evaluations of both positive and negative aspects of life... [A]lthough the term “quality of life” has meaning for nearly everyone and every academic discipline, individuals and groups can define it differently... [H]ealth is one of the important domains of overall quality of life, there are other domains as well—for instance, jobs, housing, schools, the neighborhood. Aspects of culture, values, and spirituality are also key aspects of overall quality of life that add to the complexity of its measurement.”



Centers for Disease Control and Prevention

housing

health

jobs

schools

neighbourhood

culture

values

spirituality

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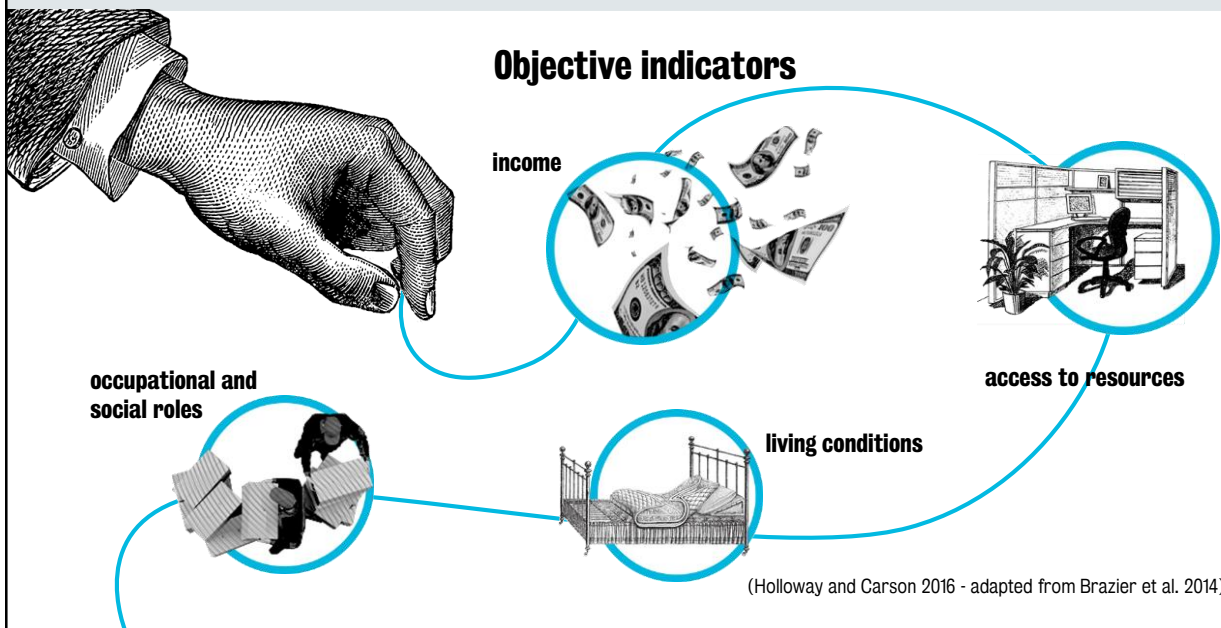
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Six approaches to quality of life (1)



(Holloway and Carson 2016 - adapted from Brazier et al. 2014)

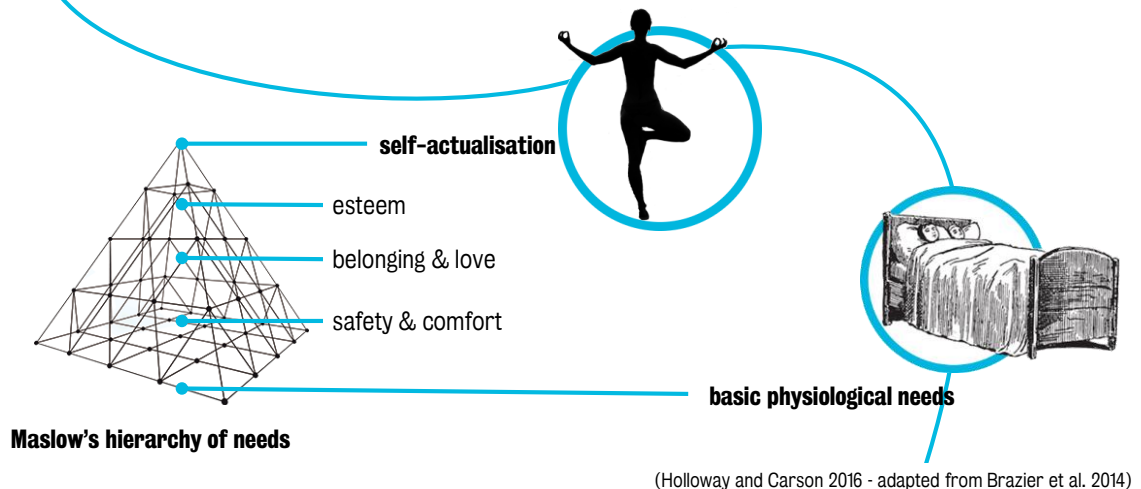
Six approaches to quality of life (2)



(Holloway and Carson 2016 - adapted from Brazier et al. 2014)

Six approaches to quality of life (3)

Needs satisfaction



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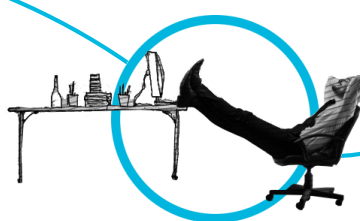
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Six approaches to quality of life (4)

Subjective wellbeing

satisfaction within
particular life domains

overall life satisfaction

hedonic state
"happiness"

(Holloway and Carson 2016 - adapted from Brazier et al. 2014)

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Six approaches to quality of life (5)

morale



Psychological wellbeing

self-efficacy



sense of autonomy and control



self-esteem



(Holloway and Carson 2016 - adapted from Brazier et al. 2014)

Six approaches to quality of life (6)

welfare economist

Amartya Sen

what people are actually able to do
in order to achieve outcomes that they value

Capabilities

poverty



ignorance



oppression

capability
deprivation
(Sen, 2003)

(Holloway and Carson 2016 - adapted from Brazier et al. 2014)

Six approaches to quality of life (7)

Health-related Quality of Life



(Holloway and Carson 2016 - adapted from Brazier et al. 2014)

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Some concepts: Health-related quality of life (HRQoL)



“

A person's subjective perception of the impact of health status, including disease and treatment, on physical, psychological and social functioning and well-being.

”

“

A combination of a person's physical, mental and social well-being.

”

Health questionnaires

SF-36 EQ-5D

Leidy et al. (1999); National Institute for Health and Care Excellence (n.d.)

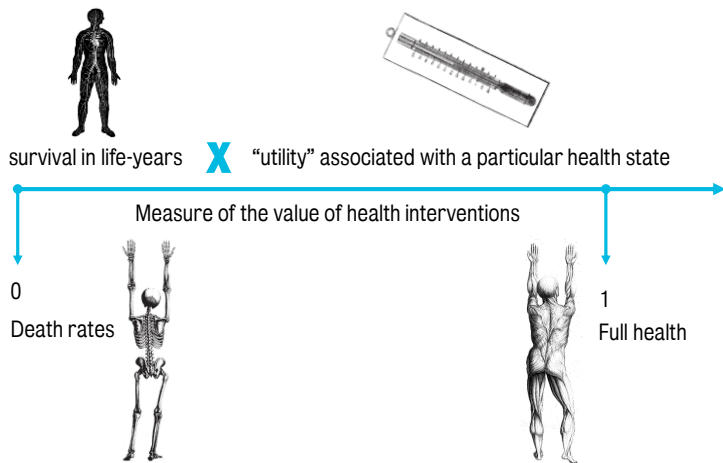
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Some concepts: Quality-adjusted life years (QALYs)

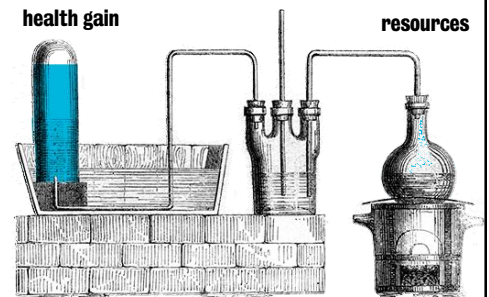
Quality-adjusted Life Years



Cost-per-QALY

= Calculated by measuring what each option offers

more QALYs per unit cost

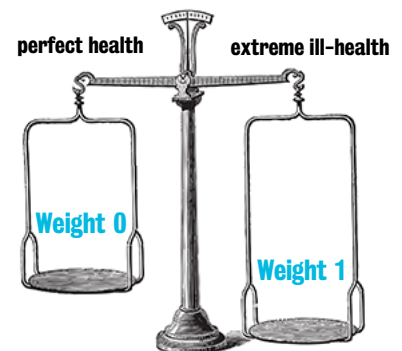


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Some concepts: Disability-adjusted life years (DALYs)



Detailed data on mental disorders in Whiteford et al. (2015)

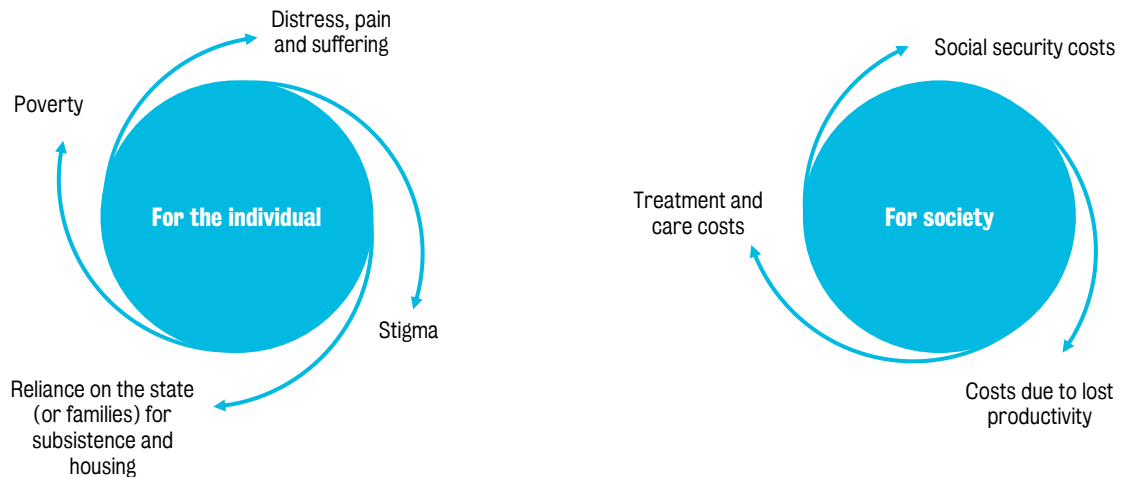
Whiteford et al. (2015)

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The economic impacts of mental disorder



References

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Attributions

Lami, E. O. (1875). *Old engraved illustration of Balance scale isolated on a white background*. Industrial encyclopedia.

Short man old engraved portrait. Created by Bayard after Lejean, published on Le Tour du Monde, Paris, 1867

Variety 18th-19th century steampunk characters & flying machines. Sources: LeBallon ad 1883, political cartoon c. 1780 & 1830, US Library of Congress; postcard c. 1890, Vintagerie Ephemera Collection.

End of topic