

U.S. National Academies of Sciences, Engineering, and Medicine (NASEM) Workshop on Aging, Functioning, and Rehabilitation Sciences Engineering Medicine Medicine Medicine Sciences Engineering Academies of Sciences, Engineering, and Medicine Workshop on Aging, Functioning, and Rehabilitation Sciences Engineering Academies of Sciences, Engineering, and Medicine Workshop on Aging, Functioning, and Rehabilitation



New Directions on Health and Disability

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COI Disclosure Information

 NO FINANCIAL RELATIONSHIPS TO DISCLOSE





Functioning, Disability and Health

- "Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity."

 WHO Constitution
- Health is more than just the absence of illness; it encompasses a holistic state of well-being.
- WHO's definition highlights the importance of addressing not only disease and disability but also factors that contribute to overall well-being, such as access to healthcare, social support, education, and environmental conditions.



Health-related interventions

- Encompass a wide range of strategies aimed at :
 - Reducing the impact of the determinants of health problems
 - Preventing the occurrence of diseases or health problems
 - Stopping their progression
 - Limiting their consequences
 - Improving health outcomes
 - Promoting wellness



Rehabilitation as a Key Health Intervention

 Rehabilitation is a set of interventions designed to optimize functioning and reduce disability in individuals with health conditions in interaction with their environment.





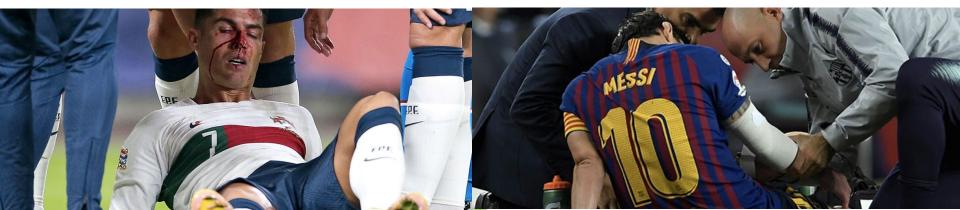


Rehabilitation as an Investment in Acute Medicine and Return to Work

Health-related interventions following health problems



Improving Functioning and health

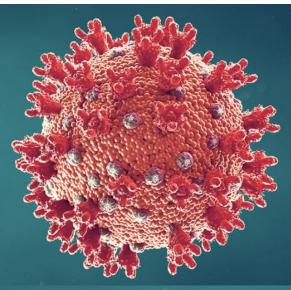


Rehabilitation as an Investment in Acute Medicine and Return to Work



Sébastien Haller: From battling testicular cancer in July 2022 to becoming a hero of the Ivory Coast and wins the African Cup of Nations football tournament in February 2024.

Improving Environmental Barriers for Health and Functioning

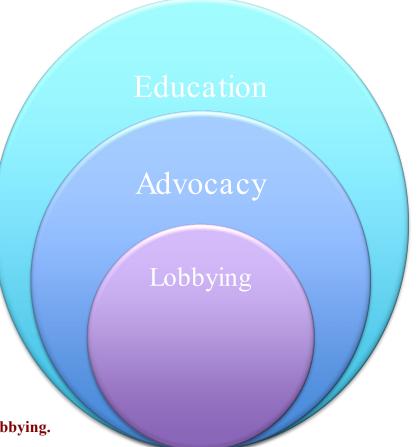


COVID-19
Novel Coronavirus



Education as an Advocacy Issue

- Education involves providing information, knowledge, and skills to individuals, communities, and policymakers to increase awareness and understanding of the importance of rehabilitation in enhancing functioning for older adults.
- Highlighting the benefits of rehabilitation interventions in improving physical, cognitive, and social functioning, as well as promoting healthy aging and quality of life.



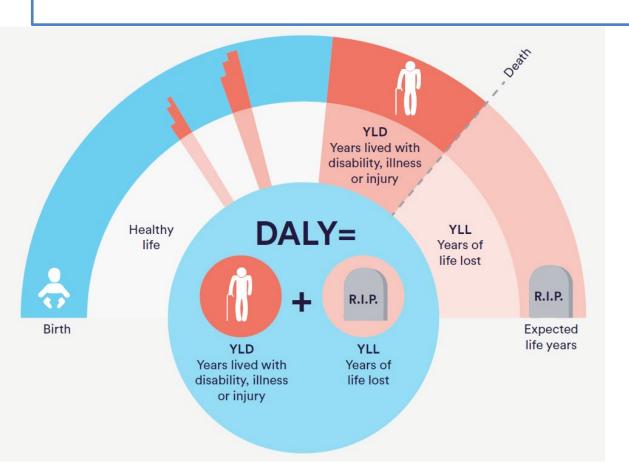
National Assembly of State Arts Agencies (NASAA). (2019). Advocacy vs. Lobbying.

Different approaches for promoting functioning

- Human Rights Approach:
 - Dignity and Autonomy
 - Access to Rehabilitation Services
- Public Health Approach:
 - Prevention
 - Community-Based Programs
 - Policy Advocacy
- Economic Approach:
 - Cost-Effectiveness
 - Workforce Productivity
- Person-Centered Approach:
 - Holistic Care
 - Empowerment and Engagement

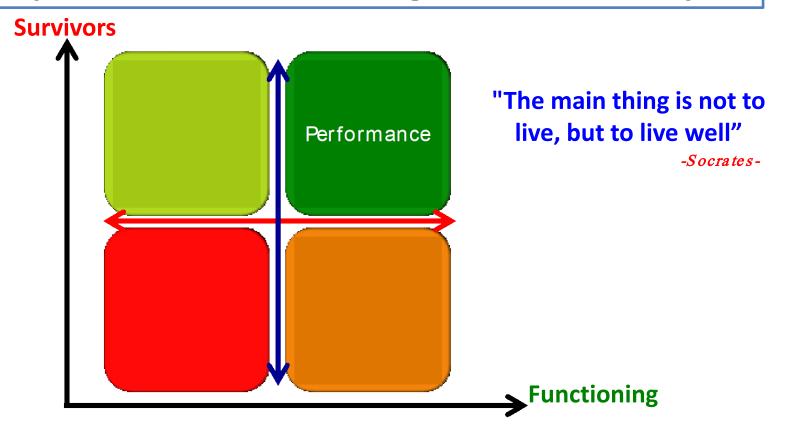


Disability-adjusted life years (DALYs)

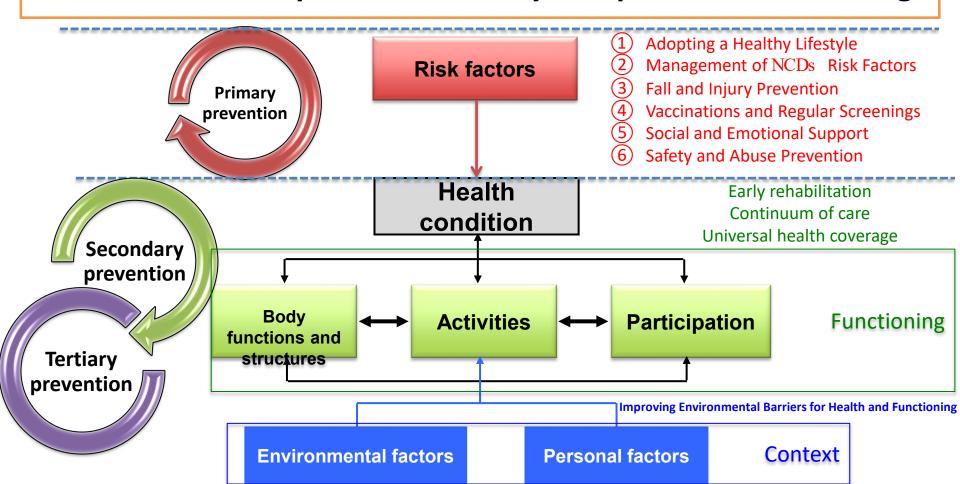


YLD = Years lived without functioning & well-being

Ultimate objective of any healthcare system is to optimize the well-being & functionality



Rehabilitation to prevent disability and promote functioning



Conclusion

- Rehabilitation: functioning and quality of life
- It's Time to Act!
- It's time to advocate for rehabilitation!
- It's time to end the global neglect of Rehabilitation!

"Scientists [who] know how to talk to Congress are worth their weight in gold."



Thank you for your attention



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Any questions and comments are welcome

