

**Lifelong Health Indicators.**  
*The use of technology as a promoter of Quality of Life*



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# Social Determinants of Health as the main organizer of conceptual framework for Scientific Area – Individual and Community Health

Health Indicators for Sustainable development goals, can inform us how well are advancing sustainable development

**Sustainable Development Goals (17): Goal 2. Goal 3.; Goal 4; Goal 5.** Acesso em 26-05-19 <https://sustainabledevelopment.un.org/post2015/transformingourworld>



Progress that is meaningful to human wellbeing, within the scope of the profile throughout the Life Cycle



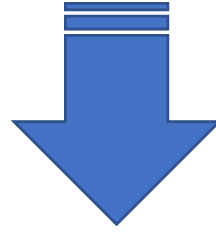
*The life-course approach aims at increasing the effectiveness of interventions throughout a person's life. (WHO, 2019)*



*“A life-course approach builds on the interaction of multiple promotive, protective and risk factors throughout people's lives.” (Amendoeira, José et al, 2013)*

We guide the direction of this framework for **“Social determinants of health [as] the conditions in which people are born, grow up, live, work and age.” (WHO,2019)**

# Health Indicators Along Life



## A lifestage perspective

As organizers for this purpose. *“Sexual and reproductive health; Maternal and newborn health; Child and adolescent health and Healthy ageing”* (WHO, 2018)



Considering for this approach of promoting health and well-being as advocated by WHO (2018) : *“**Pregnancy and birth** would be a healthy and positive experience for all involved. The **early years** would give the best possible start for the **mental** and physical health of both mother and child in a **healthy**, supportive environment. “*

# Life Stages – Four Domains

## Scientific area-Individual and Community Health



**LIFE QUALITY  
RESEARCH CENTER**

PROF MARTA ROSA

**Healthy Ageing**

PROF. MÁRIO SILVA

**Adult in active  
life**

PROF. REGINA FERREIRA

**Post Neonatal  
and Youth**


PROF, HÉLIA DIAS

**Pregnancy and  
Neonatal**

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ESSS\_Research Coordinator  
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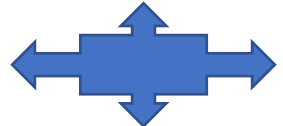
# Health Promotion as supportive concept for this framework

Ottawa Charter for **Health Promotion** of 1986 “(...) health in all **policies, healthy environments, healthy lifestyle** and the need for **health services** to be oriented towards **health.**” (WHO,2013)  
(Pender, N.; 1996)



“The adoption of a **Healthy Lifestyle** stands as an opportunity and a challenge for the **Person, the Family** and the **Community.**” (HGD,2017)

**SALUTOGENIC MODEL** (Antonovsky, 1996)

EMPOWERMENT (Kaiser, 2019)  HEALTH LITERACY (DIAS, H. Et al 2019)

**QUALITY OF LIFE**

(Rodrigues, J F; (...) Amendoeira, J.et al (2020)

# The use of technology improving Quality of Life

Scoping Review was conducted (Aromataris et al 2017)

Review question *“The use of technology is health promotor of quality of life along Live Cycle?”*



Conceptts

Participants  
Acording to Life Stages

Social Determinants of Health; Health Promotio;  
Health Indicators; Life Stages and Robotics.

Context  
All Contexts of Life



Search Strategy: Research expression with Booleans AND & OR; PubMed; Universal and Specific Limiters

Seven studies Included – Inclusion Criteria AND Methodological Quality

# The use of technology improving Quality of Life



## Pregnancy Neonatal

Scarce outputs, related with our research interests, namely Tobacco Consumption in Pregnant Women, but not directly related with the use of Technology and Quality of Life



## Youth

Scarce outputs related with our research interests, namely Sexuality; Diet and Tobacco consumption.

A study - Technology preventing suicide in Youth

Seyed Kazem Malakouti, et al 2020



## Adult Active Life

Relevance of Technology as a promoter of Quality of Life. (2018); Don Hee Lee (2021); Vera Stara et al (2020) ;



## Healthy Aging

Relevance of Technology as a promoter of Quality of Life: Grazia D'Onofrio et al (2018); Bo Xie et al (2020)

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