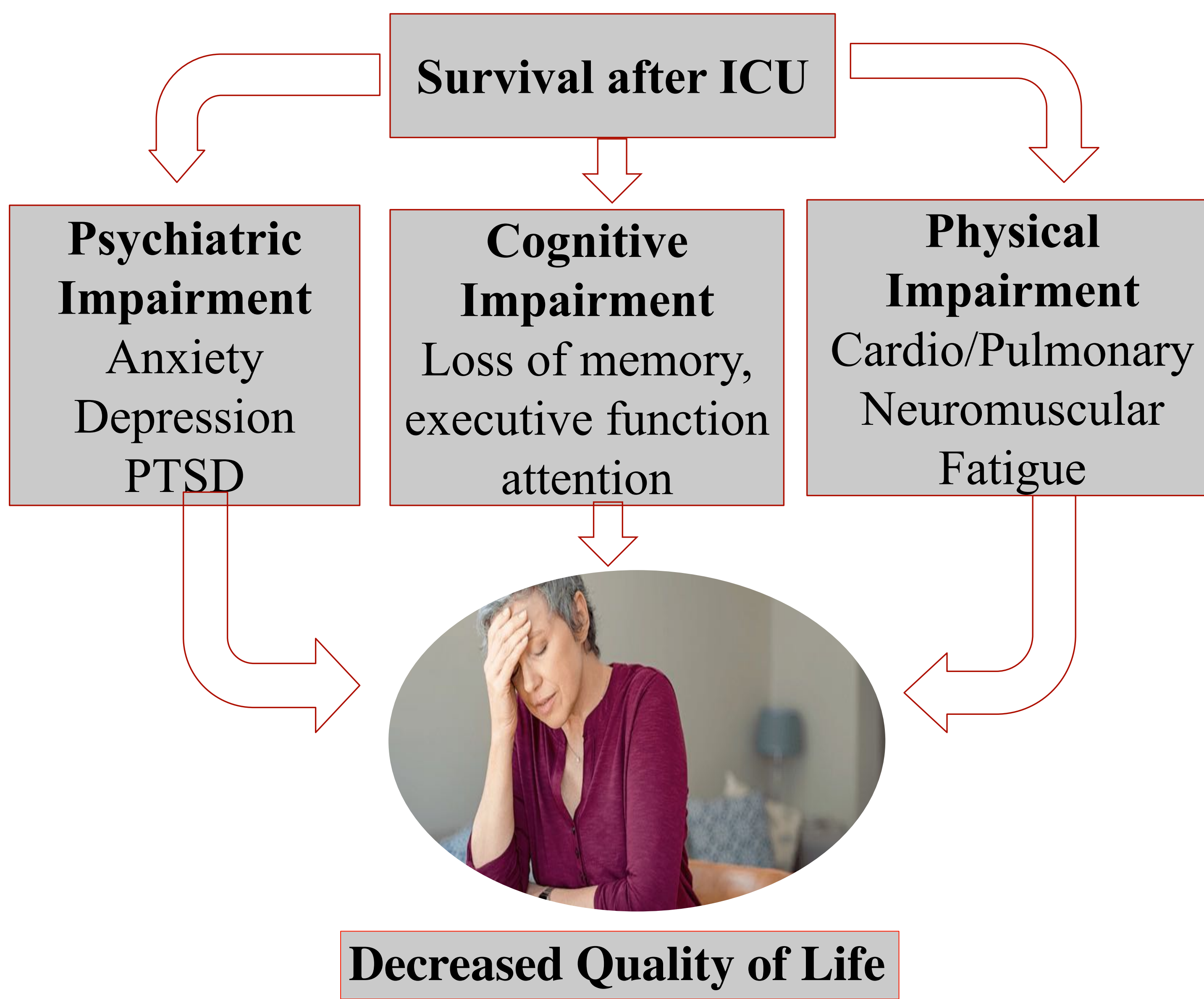


Using the Iowa Model of Evidence Based Practice to Guide a Pilot Post Intensive Care Syndrome (PICS) Education Project for Community Healthcare Providers

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Step 1: Identify Trigger(s)

- **Post Intensive Care Syndrome (PICS)** is a significant clinical issue for ICU survivors and their families.
- This problem is projected to increase substantially due to many thousands of recent COVID-19 ICU survivors.



Step 2: Consider Organizational Priorities

- Organization values high quality, evidenced-based healthcare that promotes optimal patient and family health outcomes after ICU discharge.
- Leaders approved creation of PICS work group with designated time to work on PICS-related initiatives.

Step 3: Form a Team of Stakeholders

- PICS Stakeholders Committee formed:
- Nurses (BS, MS, DNP)
 - Physicians
 - Respiratory therapists
 - APPs
 - Palliative care providers
 - Physical therapists

Step 4: Conduct Lit Search, Appraisal, & Synthesis

- ICU follow-up care to mitigate PICS is necessary
- There is a lack of knowledge regarding the recognition and treatment of PICS among non-critical care clinicians; consequently, PICS symptoms that develop as a result of patients' ICU stay often go unrecognized, and if they are identified, are often not properly evaluated or treated.

PICO Question:

Does an online education module increase PICS knowledge and positively influence behavioral intent to integrate PICS assessment into clinical practice in community health care providers compared to no education?

Step 5: Pilot the Project

- Pilot sample of community HCPs employed by a health system in the Midwest ($N = 129$) invited to complete pre-education survey developed based on TPB

Theory of Planned Behavior(TPB)



- Survey results used to inform development of a brief online PICS education module targeted toward community HCPs.
- Participants completed post-survey after viewing PICS module.
- Chi square and 2-tailed t test statistics were applied to compare results between the pre-education group ($n = 24$) and the post-education group ($n = 32$).

Step 6: Evaluate and Disseminate

- **Results:** A brief, online PICS education module is an efficient and cost-effective way to improve PICS knowledge among community HCPs and may motivate them to integrate PICS assessment into their practice, resulting in improved ICU follow-up care and early symptom recognition and referral to mitigate the impact of PICS in ICU survivors.
- Project findings were disseminated to organizational leaders, with plans to make the online PICS education module available to a wider audience of community HCPs in the service region. Further study is needed to determine if findings can be generalized.

