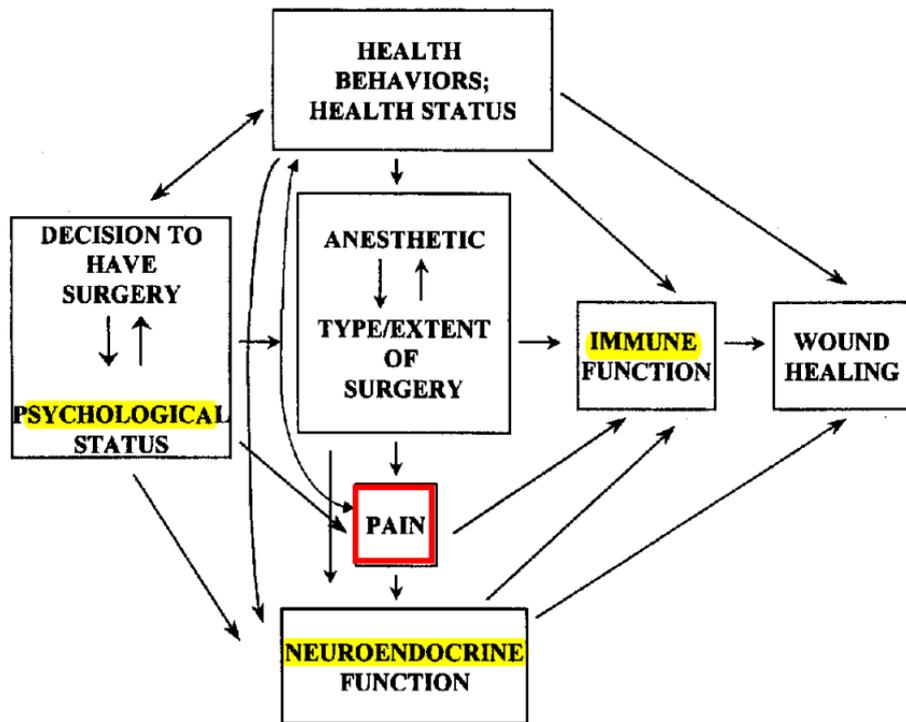


Figure 1

A Biobehavioral Model of the Psychological, Behavioral, and Biological Pathways That Influence Wound Healing: The Central Short-Term Outcome in Recovery From Surgery



Note. This figure is intended to illustrate our conceptual framework for understanding the complex relationships among relevant domains rather than providing a formal testable model. For simplicity, most paths are described as moving in one causal direction, and all possible connections are not illustrated (e.g., psychological variables such as stress and appraisal may influence the relationship between extent of surgery and immune function). Psychological appraisals of the resulting physical stressor may modulate immune function and wound healing. In addition, direct connections between the central nervous system (CNS) and immune function are also possible, through direct CNS innervation of lymphoid tissue (Felten & Felten, 1991).