

# Value-based health care

Value-based [care](#) and [quality](#) improvement are related concepts used to measure and improve clinical care. Value-based care represents the relationship between the incremental gain in outcome for patients and [cost efficiency](#). It is achieved by identifying [outcomes](#) that are important to [patients](#), codesigning solutions using [multidisciplinary teams](#), measuring both outcomes and [costs](#) to drive further [improvements](#), and developing [partnerships](#) across the health system. [Quality improvement](#) is focused on process improvement and [compliance](#) with [best practice](#), and often uses “Plan-Do-Study-Act” cycles to identify, test, and implement change. Validated, standardized core outcome sets for [perioperative neuroscience](#) are currently lacking, but [neuroanesthesiologists](#) can consider using traditional clinical indicators, patient-reported outcomes measures, and [perioperative](#) core outcome measures. Several examples of bundled care solutions have been successfully implemented in perioperative neuroscience to increase value; for example, enhanced [recovery](#) for [spine surgery](#), [delirium](#) reduction pathways, and same-day [discharge](#) craniotomy <sup>1)</sup>.

<sup>1)</sup>

Luoma AMV, Flexman AM. Value-based Care and Quality Improvement in Perioperative Neuroscience. J Neurosurg Anesthesiol. 2022 Aug 2. doi: 10.1097/ANA.0000000000000864. Epub ahead of print. PMID: 35917131.

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