

Clinical pathway

- [Berberine's Impact on Apoptosis, Proliferation, Uptake Efficiency, and Nanoparticle-Based Therapy in DBTRG Cells](#)
- [Probiotic Bifico Ameliorates Depression- and Anxiety-Like Behaviors Induced by Estrogen Deficiency via NLRP3 Inflammasome Inhibition](#)
- [PANoptosis: Cross-Talk Among Apoptosis, Necroptosis, and Pyroptosis in Neurological Disorders](#)
- [Network-based analysis of candidate oncogenes and pathways in hepatocellular carcinoma](#)
- [In Situ Programming of the Tumor Microenvironment to Alleviate Immunosuppression for Pancreatic Cancer Immunotherapy](#)
- [Multimerin-1 modulates macrophage M2 polarization and enhances tumor cell stemness in glioblastoma](#)
- [Sanggenol L inhibits the HMGB1/TLR4/NF-kappaB signaling pathway to prevent cerebral ischemia-reperfusion damage](#)
- [Zileuton protects against arachidonic acid/5-lipoxygenase/leukotriene axis-mediated neuroinflammation in experimental traumatic brain injury](#)

A systemized approach to [medical treatment](#) designed to reduce variation in clinical [practice](#) and improve outcomes

A clinical [pathway](#) is a multidisciplinary [management tool](#) based on [evidence-based](#) practice for a specific group of patients with a predictable clinical course, in which the different [tasks](#) ([interventions](#)) by the professionals involved in the patient care are defined, optimized and sequenced either by hour (ED), day (acute care) or visit (homecare). Outcomes are tied to specific interventions.

The concept of clinical pathways may have different meanings to different [stakeholders](#).

Managed care organizations often view clinical pathways in a similar way as they view care plans, in which the care provided to a patient is definitive and deliberate. Clinical pathways can range in scope from simple medication utilization to a comprehensive [treatment](#) plan. Clinical pathways aim for greater standardization of treatment regimens and sequencing as well as improved outcomes, from both a [quality of life](#) and a clinical outcomes perspective.

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Last update: **2024/06/07 02:57**

