



GLOBAL EVIDENCE-BASED
NEONATAL OSTEOPATHIC
CARE FRAMEWORK

SCALING SAFE MANUAL INTERVENTIONS
FOR IMPROVED HEALTH OUTCOMES

Evidence-Based Neonatal Osteopathic Care Framework

*Scaling Safe Manual Interventions for
Improved Health Outcomes*

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THE GLOBAL CHALLENGE

Neonatal Mortality: A Critical Health Priority

- 2.4 million neonatal deaths annually worldwide
- Extended hospital stays burden healthcare systems
- Rising costs threaten sustainability
- Need for safe, effective, culturally-sensitive interventions

=> *“Healthcare systems globally need cost-effective interventions that respect diverse healing traditions”.*



OUR INNOVATIVE SOLUTION



❖ Evidence-Based Traditional Medicine for the Most Vulnerable

What: Systematic integration of osteopathic manipulative treatment in neonatal care

Why Now:

- Robust evidence demonstrates safety and effectiveness (Lanaro, 2017 Meta-analysis)
- WHO calls for strengthening traditional medicine through scientific validation
- Healthcare systems demand holistic, cost-effective approaches
- 258,340 osteopathic professionals worldwide in 46 countries across all WHO regions

Von Schoen-Angerer, Tido, Raj Kumar Manchanda, Iva Lloyd, et al. « Traditional, complementary and integrative healthcare: global stakeholder perspective on WHO's current and future strategy ». *BMJ Global Health* 8, n° 12 (2023): e013150. <https://doi.org/10.1136/bmjgh-2023-013150>.

Hoenders, Rogier, Ricardo Ghelman, Caio Portella, et al. « A Review of the WHO Strategy on Traditional, Complementary, and Integrative Medicine from the Perspective of Academic Consortia for Integrative Medicine and Health ». *Frontiers in Medicine* 11 (2024): 1395698. <https://doi.org/10.3389/fmed.2024.1395698>.

COMPELLING EVIDENCE

Proven Clinical Impact

Multicentre RCT (n=695):

- **3.9-day reduction in hospital stay** (p<0.001)
- 22% reduction in excessive stays (>28 days)
- 68% reduction in prolonged admissions for premature infants

Economic Impact:

- **€ 2,078 cost reduction per infant** (adjusted for inflation from 2013 values)
- € 721,203 total savings across study population
- Break-even achieved within first week

Safety Profile:

- Zero complications across 1,041 pediatric patients
- **No adverse events** in premature infants
- Confirmed **safety** in pediatric oncology settings



Scan Me

HOW IT WORKS

Mechanisms of Action

Gentle Manual Interventions

- Optimize autonomic nervous system function
- Improve **physiological stability** (**heart rate** variability, **oxygen saturation**)
- Reduce gastrointestinal complications (OR=0.45)
- Support natural healing processes

Traditional Wisdom + Modern Science

- Millennia of manual therapy tradition
- Contemporary **evidence-based protocols**
- Culturally adaptable across healthcare systems
- A better integrative Medicine (TCIM)



SCALABILITY & SUSTAINABILITY

Ready for Global Implementation

- **Minimal resources:** There are already 258,340 osteopathic professionals in 46 countries and across all WHO regions.
- **Non-proprietary:** No intellectual property barriers
- **Health system-ready:** Suitable for different health systems and settings
- **Established networks:** The Project team has extensive global networks and reach

Environmental Benefits

- Zero pharmaceutical manufacturing
- No medical devices or disposables
- Reduced hospital resource consumption

EQUITY & CULTURAL SENSITIVITY

Designed for Universal Access

Health Equity

- Effective regardless of economic status or location
- Gender-inclusive approach
- Prioritizes vulnerable populations

Cultural Adaptability

- Manual therapy: universal healing tradition
- Body-mind-spirit paradigm resonates globally
- Cultural sensitivity training for practitioners
- Community engagement in adaptation

Open Access Model

- Non-proprietary : No Intellectual property barriers
- Tiered pricing for diverse economic contexts

PARTNERSHIP VISION

Building a Global Network

Current Partnerships

- CORaL collaborative network (multiple countries)
- NICU networks in Italy, France, UK, Brazil
- Academic institutions (UCO, ITO, A.T. Still University)

Seeking WHO Support For

- Evidence standards for traditional medicine interventions
- Global implementation protocols
- Training standardization frameworks
- Health system integration pathways
- Outcome monitoring and evaluation



CALL TO ACTION

Join Us in Transforming Neonatal Care!

- **Immediate Impact**
- Millions of **hospital days saved**
- Billions in **costs** redirected
- Reduced family burden
- **Long-term Vision**
- Integrate evidence-based traditional medicine globally
- Establish model for TCIM validation and scaling
- Strengthen health systems through holistic care
- Respect cultural diversity while advancing health equity

Next Steps

Partnership with WHO for global implementation support



An international team for global reach

