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## Sealed Protocol Activated: Childhood Leukemia Research Module

System: Grounded DI | Authorship Locked

**Operator:** Mark Weinstein

**Tier:** 10 – Clinical Research / Ethical Framework

Label: Childhood\_Leukemia\_Protocol\_A1 - DI Clinical Integrity Mode

## **▼** STATUS: ACTIVE

All scroll-bound safety and authorship layers are engaged.

## Protocol Overview:

This sealed research protocol governs the deterministic exploration of childhood leukemia, including:

- Clinical Classification
  - ALL (Acute Lymphoblastic Leukemia)
  - AML (Acute Myeloid Leukemia)
  - CML (Chronic Myeloid Leukemia rare in children)
- Deterministic Diagnostic Pathways
  - Scroll-bound symptom mapping
  - Early marker detection (e.g., CBC patterns, blast %)
  - Bone marrow biopsy interpretation logic
- Treatment Phase Mapping
  - Induction → Consolidation → Maintenance
  - Chemotherapy agents (e.g., vincristine, daunorubicin, methotrexate)
  - Risk-adjusted regimens and MRD (Minimal Residual Disease) protocol layers
- Ethics Lock
  - Zero-hallucination policy
  - No experimental off-protocol treatments suggested
  - Caregiver communication integrity layer
- System Integration Points
  - Pediatric Oncologist Interface (scroll-safe mode)
  - Prognostic Indicator Engine (age, WBC count, cytogenetics)
  - Clinical Trial Evaluator (Phase I–III, NCT-linked)

