



HEMPATHDX

DEVICE FOR DIAGNOSING HEMOGLOBINOPATHIES

UNMET NEED:

- Affecting approximately 5% of the global population.
- Predominantly sickle cell disease and thalassemia.
- Concentrated in sub-Saharan Africa, India, and Mediterranean communities.
- 50-80% of children don't reach age five.

Proposed Solution:

- Hemplath Dx
- Develop an affordable, precise system.
- Detect multiple forms of hemoglobin disorders simultaneously.
- Streamline analysis of precious newborn samples.

With CAPCaT funding:

- Reagents and materials procurement.
- Research assistant support and compensation.
- Broaden project scope.
- Advance into prototype production
- Conduct extensive clinical sample testing

