Programme for Global Paediatric Research

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Initiative: The Global Sickle Cell Disease Network

About 1,000 children are born with Sickle Cell Disease (SCD) in Africa every day. It is an excruciating, deadly disease. More than half of the 1,000 African children born with SCD on this day will die before they are five years old. SCD may be even more prevalent in India, and exists throughout the world. There is a vast store of knowledge and research funds available in high income countries for the study and treatment of SCD. In developing countries, there is a shortage of funding and a tremendous number of patients. With the leadership of Medical Director, Dr. Isaac Odame, PGPR brought together leading Sickle Cell Disease researchers and clinicians from high, middle, and low income countries to form the Global Sickle Cell Disease Network (GSCDN). The GSCDN is working to:

- develop research studies that will help clarify the scope of the problem of SCD around the world;
- determine the most effective, efficient ways to treat SCD, especially in low-income settings;
- implement solutions that fit the communities they serve;
- establish clinical and research coordinating care centres within Africa through which the work described above can take place. These centres will facilitate local and regional training, infrastructure development, needs assessments and priority setting.

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<tr>
<th>Country</th>
<th>Region</th>
<th>Branch Office (Yes/No)</th>
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<tr>
<td>Global initiative</td>
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<td>No response</td>
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**Initiative:** The Global Sickle Cell Disease Network

**Key Words:** Research
Clinical and research coordinating care centres
Creation of network of experts

**Key Performance Indicators:**
No response

**Enhancing Planning, Prioritizing and Strategy on Health**
No response
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Initiative: The Global Sickle Cell Disease Network

### Initiative Details

**Activities**
- Training health care professionals
- Training local community workers
- Health education programs for target population
- Healthcare service delivery (including for example, EmOC, immunization, family planning, bed nets)
- Research
- Knowledge translation
- Policy development
- Health system strengthening, please specify:
  - Clinical and research community care programs

**Target population**
- Newborns
- Children
- Clinical and medical professionals

**Funding source**
Variable

**Collaboration(s)**
Variable

**Who works in-country**
Variable

**Years in country**
More than 5 years

**Method(s) of sharing outcomes**
- Website
- Publication in peer-reviewed journals
- Publications elsewhere
- Report to funding agency
- Report to constituents
- Workshops and symposiums