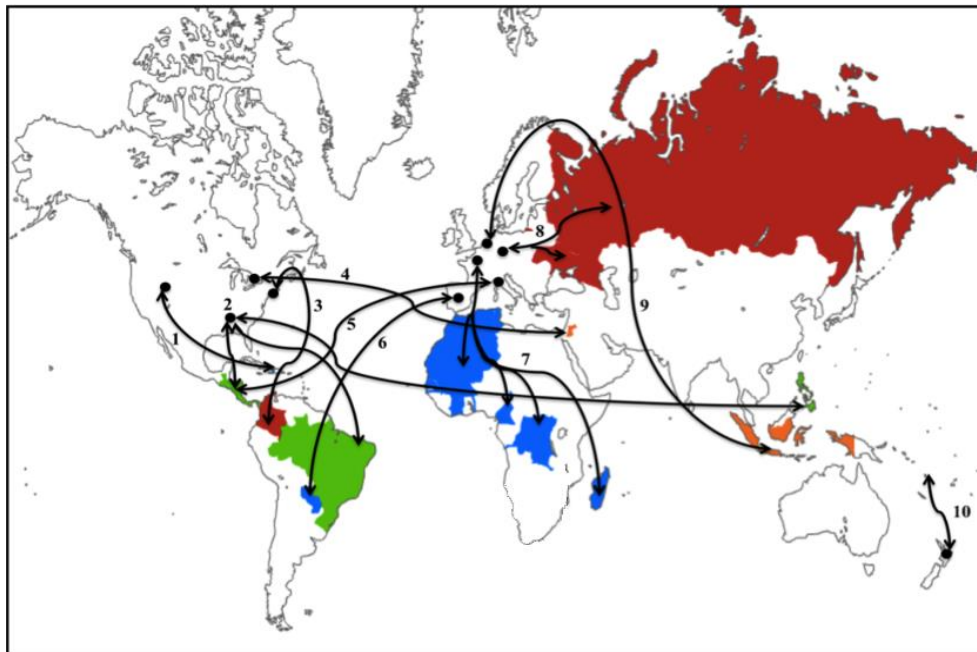


Annex 7A Childhood Cancers: Twinning Partnerships, Projected Acute Lymphoblastic Leukemia Cases, and Budget of the Unidad Nacional de Oncología Pediátrica of Guatemala

Supplemental material for: Gupta, S, SC Howard, SP Hunger, FG Antillon, and others. 2015. Treating Childhood Cancer in Low- and Middle-Income Countries. In: Gelband, H, P Jha, R Sankaranarayanan, and S Horton, editors. 2015. *Cancer. Disease Control Priorities, third edition*, volume 3. Washington, DC: World Bank.

Map 7A.1 Pediatric Oncology Twinning Partnerships, Selected Examples



Note: For complete references, see Chapter 7 – Treating Childhood Cancer in Low- and Middle-Income Countries.

1. Denver, United States, with Santo Domingo, Dominican Republic.
2. Memphis, United States, with multiple Central American centers (Antillon and others 2005; Luna-Fineman and others 2012); Recife, Brazil (Howard and others 2004); and Mindanao, Philippines.
3. Boston, United States, with Bogotá, Colombia.
4. Toronto, Canada, with Amman, Jordan (Qaddoumi and others 2007; Qaddoumi and others 2008).
5. Monza, Italy, with multiple Latin American centers (Sala, Barr, and Maserà 2004).
6. Madrid, Spain, with Asunción, Paraguay.
7. Paris, France, with multiple African centers (Harif and others 2008; Moreira and others 2012).
8. Multiple German and Austrian centers with multiple Russian and Belarusian centers (Karachunskiy and others 2008).
9. Amsterdam, Netherlands, with Universitas Gadjha Mada, Indonesia (Mostert and others 2006; Sitaresmi and others 2010).
10. Auckland and Christchurch, New Zealand, with multiple South Pacific centers.

Table 7A.1 Projected Cases of Acute Lymphoblastic Leukemia Occurring before Age 20 Years and Infant Mortality Rates for the 10 Most Populous Countries

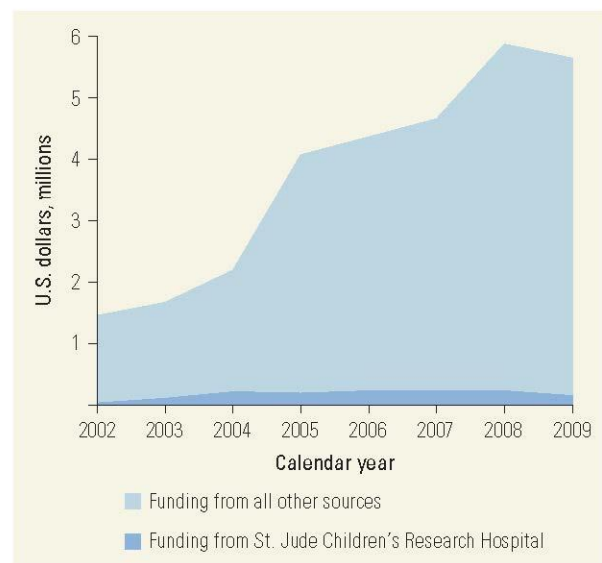
Country	2010 population ^a (millions)	2010 population, ages 0–19.99 years ^a (millions)	Infant mortality rate (per 1,000 live births)	Projected annual cases of ALL, ages 0–19.99 years ^b
China	1,330	342	21	9,918
India	1,170	464	53	13,456
United States	309	83	6.4	2,407
Indonesia	243	89	30	2,581
Brazil	196	67	24	1,943
Pakistan	184	88	64	2,552
Nigeria	162	88	75	2,552
Bangladesh	156	70	45	2,030
Russian Federation	143	29	8.2	841
Japan	128	24	2.6	696

Note: ALL = acute lymphoblastic leukemia.

a. Based on population statistics available at <http://www.census.gov/population/international/data/idb/informationGateway.php>.

b. The number of ALL cases is projected based on incidence rates of 29 cases per million before age 20 years in the United States (Ries and others 1999).

Figure 7A.1 Budget of Unidad Nacional de Oncología Pediátrica of Guatemala



Source: Personal communication, F. Antillon, Director, Unidad Nacional de Oncología Pediátrica.