



Increasing Access to Radiology:

A case study to install 29 Digital X-ray systems in Guatemala

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Guatemala Multi-site Installation

- Joint activity of District 4250 (Guatemala) and District 6440. Ministry of Health and Pan American Health Organization
- 29 sites with digital X-ray
- Multi-year, multi-million dollar installation
- Template for Latin America and countries around the world
- Digital imaging project of this magnitude never been attempted before in developing countries

GLOBAL HEALTH CONCERN What's the Problem?

60% of All Medical Diagnoses Requires X-ray Analysis

2/3^{rds} of the world's population do not have access to basic medical imaging

- Common health problems diagnosed with a basic X-ray:
 - Trauma
 - Infection, including TB, pneumonia and complications of AIDS
 - Parasites
 - Cancer in many variations
 - Intestinal obstruction and some other abdominal problems