Establishing a Pediatric Eye Care Center in Dalian He Eye Hospital (HEH) to serve Northeast China

**Impact made by the project**

The availability of quality paediatric eye care and the coverage of high quality cataract services in Dalian City and surrounding areas has increased.

**Sustainability**

Eye care service capacity in Dalian HEH and its network units has increased. The enhanced Quality Assurance (QA) system enables them to improve continuously.

**Local Standard Chartered engagement**

Standard chartered staff were engaged with many activities, e.g. school screening, home visiting, eye care lectures, etc.

**Main objectives for the project:**

- A fully equipped, child friendly paediatric eye care centre will be established in Dalian HEH with a trained eye care team in place
- Dalian HEH will be able to provide paediatric eye care services in cataract, glaucoma, refractive error, strabismus and ptosis
- A cooperation network will be established for treatment and referral of paediatric eye care cases in Dalian City and surrounding areas.
- By the end of 2012, the volume of high quality cataract surgery in Dalian HEH will increase by 40%
- By the end of the project, a Quality Assurance system will be institutionalized in Dalian HEH
- At least three health communication strategies will be adopted to disseminate knowledge of eye health as well as information of available services

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### Increase service capacity of eye care sectors in county/prefecture level

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<tr>
<th>SiB contributed towards...</th>
<th>Leading to...</th>
<th>Therefore impacting...</th>
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<tr>
<td><strong>Build Paediatric Clinical Capacity in Dalian HEH and its network units</strong></td>
<td>Various specialists in paediatric eye care team were trained through different kinds of activities, such as hospital based programme, international and domestic fellowship, study tour, etc.</td>
<td>Paediatric eye care service is enhanced in project areas with a strong team and effective equipment. People in the catchment areas have better access to high quality paediatric eye care services</td>
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<td>• Training programme for eye care specialists and management staff</td>
<td>QA workshop was held to enhance quality control in Dalian HEH and its network units</td>
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<td>• Primary eye care workshop for rural healthcare workers</td>
<td>200 seminars on paediatric eye care network building were held</td>
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<td>• Expand eye care services and referral network</td>
<td>All planned equipment were purchased and worked effectively.</td>
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<td>• Equipment investment of $459,963</td>
<td>55,420 children received medical treatment in Dalian HEH and its network units</td>
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<td>• Subsidized cataract survey for poor patients</td>
<td>19,102 adults received eye surgeries in Dalian HEH and its network units</td>
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### Establish local training system and referral network

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<td>Enhance Capacity of Outreach Services</td>
<td>• 307,662 children received screening for refractive error and other visual problems</td>
<td>The coverage population and service catchment areas of Dalian HEH and its network units has extended.</td>
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<td>• 154,960 adults received screening for cataract</td>
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<td>Rise Public Awareness</td>
<td>• 624,517 people were educated through community lectures and public eye care education for parents</td>
<td>Public awareness on eye care knowledge has increased.</td>
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<td>• 6,041,000 people exposed to health knowledge through IEC materials dissemination and mass media advising</td>
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### Key service delivery increase

- **440%** in the number of paediatric outpatients in Dalian HEH
- **613%** in the number of paediatric surgeries in Dalian HEH

### SiB Project

- **Implementing partner:** Dalian He Eye Hospital (HEH)
- **Total budget:** $1,210,121
- **Total SiB contribution:** $963,360
- **Project Duration:** 4 years

### Situation analysis

- **Target Population:** Children and adult with eye diseases
- **Blindness Prevalence:** 0.56%
- **Leading causes:** Cataract

### Hongbin’s case

- **Name:** FENG Hongbin
- **Age:** 4
- **Location:** Zhuanghe

Hongbin’s family found the little boy’s vision was worse than other children at same age and he was later diagnosed as congenital cataracts and bilateral amblyopia. The family once gave up treatment for its unaffordable cost. With subsidization from the project, the boy received successful phacoemulsification surgery with intraocular lens implantation surgery. Although Hongbin will still need post-operation vision training, he will recover soon and have the chance to study and play as a normal child.