

# **Vahc** Introducing Angkor Hospital for Children



# Message from our Hospital Director & CEO

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My name is Dr Ngoun Chanpheaktra. I was one of three Cambodian doctors who were part of AHC's founding team, and I am proud to be leading this important and much-needed organisation. A lot has changed since 1999, but our mission to improve healthcare for every child in Cambodia is as urgent as ever.

Filling the gaps in children's healthcare is how we've evolved over the past 26 years, and what we'll continue doing until every child in Cambodia gets quality compassionate healthcare, wherever they live and whatever their ability to pay.

> Dr Ngoun Chanpheaktra Hospital Director & CEO

# Angkor Hospital for Children (AHC)

AHC is a leading children's health organisation based in Siem Reap, Cambodia.

Since 1999, we've provided quality compassionate health care to millions of children, with around 350–400 children visiting AHC every day to receive health care.

We're home to around 380 employees, including 50 doctors, 119 nurses, 25 community health workers and 55 allied health professionals.





## Why we're here



A child born in Cambodia is five times more likely to die before their fifth birthday than a child born in a wealthy country <sup>1</sup>



74% of Cambodians live in rural areas  $^2$ 



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One in five Cambodians survive on less than US\$2.70 a day <sup>3</sup>



Children from the poorest families are three times more likely to die early than children from wealthier families <sup>4</sup>

During the Khmer Rouge, Cambodia lost an entire generation of health workers. Only 25 doctors survived <sup>5</sup>

Leading causes of death are complications at birth, pneumonia, birth defects, diarrhoea and malaria all preventable or treatable <sup>6</sup>

### As healthcare in Cambodia has changed, so have we



When AHC opened in the late 1990s, children were dying from preventable infectious diseases or from malnutrition



Now, children have more access to treatment for common illnesses at their local health centres



So AHC fills the gaps — providing specialty and tertiary care for children across Cambodia with long-term, rare or acute conditions that is not generally available elsewhere



## What we do

Our skilled staff are pioneering care rarely available elsewhere in the country, treating children with:



Long-term conditions like asthma, diabetes, epilepsy, cerebral palsy, tuberculosis, heart disease, lupus and HIV



Rare conditions like cancer, treating over 30 types and specialising in eye and blood cancers



Acute conditions like life-threatening infections and injuries our neonatal and paediatric intensive care units are amongst the best in the country

### What we do

We improve healthcare for children across Cambodia through education for health workers, community members and caregivers



We are one of three paediatric teaching hospitals building and futureproofing the Cambodian health workforce



We build rural teachers' and health workers' knowledge, skills and confidence and provide caregivers with simple health information that can prevent children becoming ill





### What we do

We run a locally-led, strong and transparent organisation, ensuring we have the human, technological and financial resources to deliver our work in the hospital, classroom and community.



We're accountable to our patients and their families, health workers, donors and partners



We're committed to improvement, transparency and effectiveness to guarantee local leadership, impact and relevance, and delivery of good value for money and sustainability



## 2024 in numbers

112,387

7,114

1,614

16,046 major and minor surgery

458 newborns treated in our neonatal unit

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- treatments by our out-patient department
- children stayed in our in-patient department
- children treated in our specialist intensive care unit
- consultations given and surgical procedures performed, including
- doctors completed a one-year paediatric programme, receiving classroom learning and hands-on skill-building

## 2024 in numbers

### 20,452

virtual and in-person attendances at our educational trainings for external healthcare professionals, nursing and medical students and staff

### 366,425

attendances at our prevention and health education activities in villages

### 27

government health facilities received support to improve patient care, install life-saving equipment and training and mentorship

#### 50

health centre staff received neonatal residential training

#### 32

publications in international journals



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In 2023, AHC renovated its 24-bed in-patient ward, upgrading floors, ceilings, toilets and bathrooms, and also installing air conditioning for the first time.

In 2024, we began our multi-year hospital modernisation initiative with 38 new hospital beds, improving comfort for children and their families and upgrading infection prevention and control. 104% of the department's beds were occupied on average in 2024.



# In-patient specialty services

Compassionate care and services at AHC



Intensive care unit



Surgical unit and operating theatres



Oncology (cancer) unit



Neonatal unit





## Intensive care unit

Established in 2011, our paediatric intensive care unit is the **most** advanced facility of its kind in the country. We have 18 beds in the unit, of which 79% were occupied on average in 2024.

The staff to patient ratio is the highest, ensuring every patient receives individualised care and constant monitoring. Children admitted to our intensive care unit suffer serious and lifethreatening health conditions.

#### Most common diagnosis in 2024:

- bacterial pneumonia
- gastroenteritis diarrhoea
- acute bronchiolitis
- severe dengue haemorrhagic fever



# Oncology unit

In 2012, we opened an oncology unit to start treating eye cancer, and created a dedicated oncology ward in 2020. We have 12 beds in our oncology ward, of which 95% were occupied on average in 2024.

Combining surgery, chemotherapy, laser therapy, cryotherapy and pain management, we are the **only health** facility providing treatment outside the capital Phnom Penh for many childhood cancers.

#### 2024 highlights

64 new children diagnosed with cancer 1,342 chemotherapy treatment administered



# Microbiology unit

AHC is home to the Cambodia-Oxford Medical Research Unit, a long-standing collaboration between AHC and the University of Oxford, UK.

Since 2006, the unit has partnered with our clinicians to improve childhood survival rates by diagnosing thousands of children with infectious diseases and researching the causes and outcomes of severe illnesses in Cambodian children. We currently have two doctors training in infectious diseases and microbiology.

#### Read more:

<u>care</u>

• In the first of its kind in Cambodia, our researchers created a simple tool to predict a child's illness progression in intensive



# Surgical unit

AHC has offered paediatric surgery since our opening in 1999.

theatre, and a newly renovated 12-bed recovery ward, all meeting international standards for surgery, infection control and aftercare.

### **Common procedures include:**

- major and minor burns
- acute appendicitis
- congenital inguinal hernia
- osteomyelitis
- bowel obstructions

- Our surgical unit includes a major operating theatre, a minor operating

### 2024 highlights

- 1,841
- major surgeries performed (up 18.41% from 2023)
- 14,206
- minor surgeries performed (up 10.97% from 2023)



# Neonatal unit

Since 2013, we've run a special unit to provide intensive care for critically ill newborns.

With our holistic set of simple, bottom-up interventions, our neonatal care model challenges the belief that neonatal care is expensive, complex and unattainable in low-resource settings.

We have 12 beds in our neonatal unit, of which 74% were occupied on average in 2024.



In Cambodia, over 12 out of every 1,000 newborns die during their first 28 days of life, one of the highest death rates in the region <sup>1</sup>

<sup>1</sup> World Health Organization, 2022



# **Out-patient specialty services**

### Compassionate care and services at AHC



Eye clinic

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Dental clinic

Haematology (blood)

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Cardiology (heart)



Respiratory (breathing)



Endocrinology (hormones)



HIV



Neurology (nervous system)



Nephrology (kidney)



Dermatology (skin)



# Eye clinic

Our eye clinic was established in 2002 to provide high quality and comprehensive eye care as well as eye health education and screening in rural communities.

### 2024 highlights

14,437 consultations and treatments (down marginally from 2023)

3,242 pairs of glasses made for children on-site at the hospital (up 15.91% from 2023)



# Dental clinic

Established in 2000, our dental clinic treats ~40 children a day for extractions, restoration, root canals, minor surgeries and more.

We also offer group education on oral hygiene and provide community outreach education and treatment.

#### 2024 highlights

10,485 dental treatments at AHC and out in the community (up 1.81% from 2023)



# Holistic support services

Pharmacy

Medical social work

Laboratory

Radiology/imaging

Physiotherapy

Anaesthetics

Nutrition



# Medical social work

Established in 2010, our medical social work unit is the first social work unit in a children's hospital in Cambodia.

Our services include:

- orphaned children
- money to eat, travel or stay at the hospital

#### 2024 in numbers

3,080 children received emotional counselling (up 61.85% from 2023)

• partnering with the government and other NGOs to provide child protection services for neglected, abused, abandoned or

• one-on-one emotional counselling for children and their families • financial and logistical support to poor families who don't have



## Laboratory

In our state-of-the-art laboratory, our lab technicians perform tests that provide critical diagnoses to children with a wide variety of conditions. They do all their own tests and analysis on site, helping diagnose thousands of children every month.

#### 2024 highlights

150,636

activities and tests performed, including blood and urine analysis (up 11.8% from 2023)

## Our partners and supporters









**Transparent Fish Fund** 





 TOYOTA

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 TOYOTA (CAMBODIA) CO., LTD.

 Beyond Expectation...

















\*While we're unable to fit all our partners and supporters here, we're so thankful for everyone working with us to bring quality, compassionate health care to children in Cambodia





# What makes us different

We act with **compassion**, listen deeply and show the respect and care to the children and their families that we would want for our family and ourselves.

We offer the best possible **quality care** with a commitment to constant improvement.

We take pride in maintaining our **expertise** and are generous with our teaching to others.

We're honest, open and take responsibility for our actions — **integrity** underpins all our work.

We have exceptionally strong **governance**, controls and policies that are strictly adhered to.

# Thank you!



Angkor Hospital for Children (AHC) is a leading children's health organisation based in Siem Reap, Cambodia. Get in touch: ahc@angkorhospital.org | www.angkorhospital.org | www.facebook.com/angkorhospital