



# Special Report Hardcopy

» Diagnosis – Communication – Care: Hardcopy technology for the digital age

# Fast, reliable imaging for busy pediatric hospital

Children Hospital #1, Ho Chi Minh City, Vietnam

- ❑ Growing number of patients :5000 - 6000 outpatients and 1400 - 1800 inpatients each day
- ❑ X-rays on 500 - 600 patients each day, along with around 30 CT scans
- ❑ To handle the increasing demand, the hospital turned to digital radiography
- ❑ Main purchase criteria: quality, price and after service



*“The faster speed of imaging means we can handle more patients, but also can spend more time with them.”*

— DR. NGUYEN ANH TUAN  
Head of Imaging



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# 1.1 million patients, 1 printing workflow

West China Hospital



- ❑ Large-scale general hospital counts 4,300 inpatient beds
- ❑ 1,000,000 hardcopies every year
- ❑ referral center for complex health problems in southwestern China.
- ❑ In the radiology department, 53 radiologists, 86 technicians and 36 nurses handle imaging for 3000-4000 patients every day.
- ❑ In 2016, the radiology department reached 1.1 million patients for the year, with an annual increase of 7.34%

*“The kiosks help us ease the considerable workload involved in printing out all of the patient images. They automatically match patient and images. They save us time and they improve the satisfaction of patients, physicians and staff.”*

3 — DR. HUANG LIN, Chief Technician



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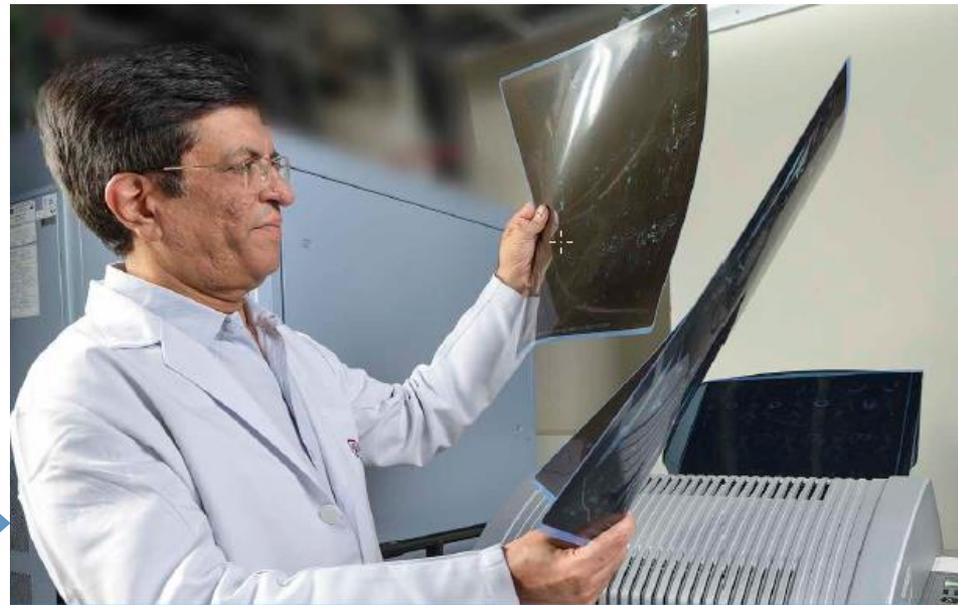


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# Every patient counts

Nanavati Super Speciality Hospital, Mumbai, India

- ❑ 350-bed facility with 55 specialty departments
- ❑ department running from 7 AM till 12 midnight.
- ❑ 24h emergency coverage
- ❑ Broad range of services in practically every field of modern medicine and healthcare
- ❑ Balancing cost and equipment is important as in India, around 80% of the patients pay for their imaging exams out of their own pockets.
- ❑ 80% of the patients come from referring physicians, most of whom will have a lightbox and not a computer.



*“Quality was absolutely the decision-making criterion we looked at, but the AXYS also offered other benefits we appreciated: compactness, ease of use, environmental friendliness, fast set-up.”*

*– DR. DEEPAK PATKAR, DIRECTOR  
Medical Services and Head, Department of Imaging*



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# “Quality imaging supports quality care”

Baoquanling Central Hospital, Heilongjiang Province, China

*“Agfa HealthCare’s DRYSTAR printers provided improved image quality, emitted no bad smell while working, and are better for the environment.”*

– MR. CHEN JIANTING CHIEF RADIOLOGIST, BAOQUANLING CENTRAL HOSPITAL



- ❑ Evolved from its origins as a military hospital to a large general hospital
- ❑ A modern ‘Tier 3’ hospital
- ❑ Offers 710 beds, collaborates with Heilongjiang University of Chinese Medicine and Jiamusi Hospital, and implements a Remote Medical Consultation Center with the high-end military hospital Beijing 301
- ❑ Houses 27 clinical departments and 18 medical departments in its 420,000 square meters of space
- ❑ 20 staff members of radiology department take over 200 images each day, including around 80 X-ray images, 100 CTs and 20 MRIs.

# The value of imaging

TCBA Diagnostic Centers, Buenos Aires, Argentina

- ❑ The group has 6 sites, 625 staff members, including 180 doctors and 96 technicians.
- ❑ offers tomography, MRI, radiology, ultrasound, mammography, bone densitometry, nuclear medicine, laboratory services, cardiology and PET CT
- ❑ 1,870,000 exams for 445,000 patients every year
- ❑ reference center as well, for diagnostic and interventional imaging



*“Agfa HealthCare has accompanied our growth since 2009, and has heard our concerns and issues. It’s a mutual cooperation that enables both our companies to thrive!”*

– CLAUDIO PARADISO, Administrative Manager



# Diagnosis – Communication – Care: Hardcopy technology for the digital

- ❑ To determine the diagnostic imaging quality of diagnostic imaging, two key parameters stand out: spatial resolution and contrast detail resolution.
- ❑ Hardcopy material and films have to guarantee physical stability and image permanence required for diagnostic imaging.
- ❑ The ISO 18939 standard describes the procedures to ensure a film is suitable for medical imaging.
- ❑ The DICOM standard is used for diagnostic imaging modalities to manage, store, communicate and print diagnostic images



*An image that enables correct and accurate diagnosis: that is the heart of radiology. And hardcopy continues to play a key role for caregivers and patients around the world – even as hospitals and clinics move to PACS and enterprise imaging solutions.*

# Special Report

## SPECIAL REPORT



## HARDCOPY IMAGING



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HO CHI MINH CITY, VIETNAM  
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pediatric hospital

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SICHUAN UNIVERSITY, CHENGDU, CHINA  
1.1 million patients, 1 pricing workflow

12 NAMAVATI SUPER SPECIALITY HOSPITAL,  
MUMBAI, INDIA  
Every patient counts

21 BAODUANLING CENTRAL HOSPITAL,  
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Quality imaging supports quality care

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The value of imaging

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» Diagnosis – Communication – Care:  
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