

Wireless handhelds ... the next step



Helping Emergency Department clinical staff get on with the real emergencies

Researching wireless technology at The Children's Hospital at Westmead



In the next step of The Hospital's landmark study into wireless technology, four Emergency Department clinical staff will be trialling handheld technology to make them more mobile and effective than ever.

These clinicians will be able to access patient records from anywhere in the Emergency Department, including the patient bedside.

Mobile, online, effective

In the bustling environment in Emergency, many interruptions are sure to occur to the clinician's thought processes in between the bedside and a desktop computer. For example, having to write patient observations on paper for multiple patients and transcribing them later into a computer away from the bedside. With a handheld computer in hand, clinician productivity will soar as double entry is eliminated and as well as possible transcription errors.

Shift handovers will be significantly improved by conducting them at the patient bedside instead of in an office. Important points are not missed as staff can scroll through the case notes during the handover. Newly arrived staff can associate the right patient's and parents' faces with the information that is on screen in front of them.

Better decisions, faster

Armed with critical patient information, clinicians can make better decisions faster, especially in the Emergency Department where it can really make a difference.

Sharing critical patient information

Patient observations are entered directly into the system, making the data immediately available to other staff.

The patient's current location can be easily tracked, as patients are constantly being wheeled away for treatment or tests, sometimes returning to a different cubicle. The medical team never has to waste precious time looking for a lost patient.

the
children's
hospital at Westmead

Healthspring

Healthspring is software that runs on wireless handheld computers in the hospital environment.

Healthspring puts real-time computer access literally into the clinicians' hands, to enhance their productivity by performing essential tasks at the patient's bedside.

Healthspring presents an easy-to-use interface to any hospital's IT infrastructure, which often consists of myriad systems of different ages and technology.

POWER Clinical

PowerClinical is a software and consultancy firm specialising in wireless and mobile technology that makes clinicians more efficient, increases patient safety and improves the quality of care.

For more information, visit:
www.power-clinical.com

Wireless handhelds ... the future



Keeping clinicians mobile and connected

Example functions from Healthspring

* indicates functions trialled at The Children's Hospital at Westmead

Searching for a patient*

Healthspring 3:50

Select Patient: Search

Search By Name:

Family Name:

Given Name:

Search By Patient ID:

Patient ID:

Search

123 1 2 3 4 5 6 7 8 9 0 - =

Tab q w e r t y u i o p []

CAP a s d f g h j k l ; ' /

Shift z x c v b n m , . / <

Ctl au \ |

Tools

Listing patients*

Healthspring 4:18

Select Patient: Whiteboard

Patient	Location
SMYTT, Pip	Orthopaedics A
BELOFF, Glorie	Intensive Care
QUICK, Martha	Intensive Care
SMITH, Jane	Intensive Care

Whiteboard | Working | Location | Search

Settings | Log Off

Accessing patient records*

Healthspring 4:12

SMITH, Jane

Patient ID: 00542

Name: Smith, Jane

Gender: Female

Date of Birth: 15/08/1997

Age: 7; 3M 23

Details | Consultant | Documents

Progress Notes | Clear all

Print | Results | Notes | Orders

Entering observations*

Healthspring 4:14

SMITH, Jane

Date Entered: 17/11/04 11:30

Temp: Systolic BP:

Pulse: Diastolic BP:

Resp Rate: O2 Sat:

Pupil L: Pupil R:

Save

Height: 115cm, Weight: 20kg

Quick

All Obs | New Obs

Reading progress notes*

Healthspring 4:14

SMITH, Jane

PRESENTING CHIEF COMPLAINT Entered on 17/11/04: ABD/IB HAEMEA - NON DIARRHOEA, GASTROINTESTINAL OBSTRUCTION

ADDD: FAIR

OBSERVATION

Date Time: 17/11/2004 03:23 Temp: 37.0

MEDICAL History on 17/11/2004

070

Back

Print | Results | Notes | Orders

Ordering tests

Healthspring 4:27

[[11230] BARKER, Kelle]

Order

Order:

Ordering Order

Print | Results | Orders | Notes

Viewing test results

Healthspring 4:27

[[11230] BARKER, Kelle]

Provider Pathology Provider

Specimen	Test	Date
Urine	M, C & E	01/11/04
Blood/Serum	CRP, aPTT	28/11/04
Swab	QVC	01/07/04
Blood/Serum	INR	24/05/04

Print | Results | Orders | Notes

Prescribing medications

Healthspring 4:28

[[11230] BARKER, Kelle]

Consultant

Route: Frequency:

Instructions:

Back

Print

Referrals & discharge letters

Healthspring 11:40

[[11230] BARKER, Kelle]

Documents

Referral: 21/10/2003 - Dr Anita Braden

Discharge: 21/10/2003 - Dr Anita Braden

Encounter: 21/10/2003 - 21/10/2003

Summary

Edit Encounter | New Encounter

Back

Print | Results | Orders | Notes

Capturing service charges

Healthspring 2:01

ANDREWS, Kate

Date Time: 10/01/2006

Time: 10:00 PM

Insurance: DVA

Session:

Type	Code	Desc
MBS	MBS2	MBS Service 2
New	New1	Consultation

Printer: 431874U

Cancel | Save



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