



# BRU-HIMS

Brunei Darussalam  
Healthcare Information and Management Systems

NEWSLETTER EDITION 6

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## Bru-HIMS Launching

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His Majesty Sultan Haji Hassanal Bolkhiah Mu'izzaddin Waddaulah, The Sultan and Yang Di-Pertuan of Brunei Darussalam had consented to officially launch Bru-HIMS at The Knowledge Convention 2012 (Majlis Ilmu 2012) at the International Convention Center, Berakas on the 11th September 2012.

In conjunction with this launching, a Bru-HIMS booth was setup to increase public awareness on the concept of One Patient One Record, the projects involved and its benefits. The booth also displayed videos of nine technologies used in Bru-HIMS, Bru-HIMS e-newsletters and a glimpse of the Bru-HIMS future development.

The booth also provided firsthand experience on four modules of Bru-HIMS:

- 1) Registration of patient information is the first step towards the creation of Electronic Patient Record. Visitors had the opportunity to fill up the Bru-HIMS Registration forms and a total of 1350 forms were collected at the end of the convention.
- 2) Pharmacy module demonstrated how prescription of medications can be re-routed from one pharmacy counter to another using Bru-HIMS; The capability to view current prescriptions, produce alert on patients' allergy, and possible drug interactions was shown. In addition, the Pharmacy module enables effective monitoring of drug inventory and issuance.
- 3) Critical Care is a module used in Intensive Care Unit (ICU) and Operating Theater (OT) to monitor patient condition.
- 4) The use of computer on wheels (COW) in inPatient services by clinicians and nurses was demonstrated.

## Message from The Honourable Minister of Health



Extracted from The Honourable Pehin Orang Kaya Johan Pahlawan Dato Seri Setia Awang Haji Adanan bin Begawan Pehin Siraja Khatib Dato Seri Setia Awang Haji Mohd Yusof, Minister of Health's message in the Bru-HIMS video.

“Antara kebaikan (*advantages*) sistem ini ialah mudah mengakses rekod pesakit dalam masa yang sama sewaktu perjumpaan (*real time*) oleh doktor dan profesional kesihatan yang diberikan kuasa dan;

1. Mendapatkan Keputusan-keputusan pemeriksaan seperti makmal dan radiologi dikeluarkan secara *on-line*;
2. Mengetahui sejarah perubatan pesakit misalnya;
  - Ubat-ubatan yang diberikan
  - Pemeriksaan makmal
  - Pemeriksaan radiologi
  - Pembedahan yang dijalankan, dan sebagainya.
3. Dengan berdasarkan kepada bukti dan maklumat (*evidence-based*) yang diperlukan, dengan sendirinya membolehkan doktor-doktor memberikan diagnosis dan rawatan yang lebih tepat dan efektif.
4. Jika ada sebaran kes-kes kecemasan, rekod sejarah pesakit dapat diketahui dengan cepat dan mudah.
5. Mengurangkan masa menunggu pesakit kerana;
  - Tidak perlu mengeluarkan Fail Rekod Perubatan
  - Doktor menghantar pesanan ubat ke farmasi secara online
6. Sistem Farmasi di intigrasikan dengan inventori ubat-ubatan untuk mengawal pengeluaran dan perbelanjaan ubat-ubatan. Oleh yang sedemikian, mematau stok ubat-ubatan secara *on-line*.”

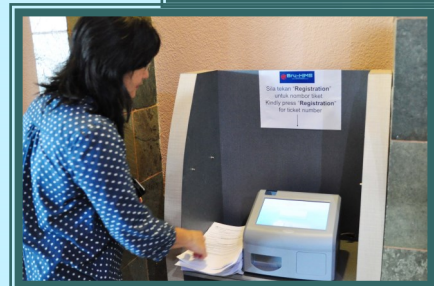
## Bru-HIMS Tutong End-User Training

Bru-HIMS end-user trainings for PMMPMHAMB Hospital and four Health Centers in Tutong were conducted from 20th June to 30th August 2012. A total of 260 users and 100 users respectively were trained. Apart from the formal class training, one-to-one handholding sessions and on-site trainings were also provided.

## PMMPMHAMB Hospital ,Tutong: Bru-HIMS Outpatient Services RollOut

Bru-HIMS outPatient Services was rollout on 26th July 2012 in PMMPMHAMB Hospital, Tutong. The modules that were introduced mainly handle the outPatient and A&E services which include:

- Master Patient Index
- Visit Registration
- Clinical access with Electronic Patient Record and Clinical notes
- Laboratory and Radiology electronic ordering and processing
- Pharmacy handling e-Prescription and drugs dispensing
- Electronic management of Medical Store and Pharmacy store
- Queue Management System manage patient queue at the Central Registration area and check-in counters at the various clinics.





## PMMPMHAMB Hospital, Tutong: Bru-HIMS Inpatient Management RollOut

The Bru-HIMS modules related to inPatient services management was rolled on 12th August 2012. This essentially covers Patient who needs to be admitted to the Hospital using Bru-HIMS.

In addition, it covers comprehensive features for managing of inPatient transfers, booking and waiting list, discharges and patient billing with full record of the movement of the patient in the hospital.



## The Honourable Minister of Health visit Bru-HIMS in PMMPMHAMB Hospital, Tutong

The Honourable Minister of Health visited PMMPMHAMB Hospital on 15th October 2012 for a close observation on Bru-HIMS operation. The Honourable Minister was accompanied by the Permanent Secretary, Deputy Permanent Secretary (Administration and Finance), Deputy Permanent Secretary (Professional and Technical) and other senior officials from Ministry of Health.

Bru-HIMS operations were reviewed and discussed with the Hospital Core Team Leaders from these following areas: Registrations, Clinical Access, Laboratory, Radiology, Pharmacy and other relevant departments.



## Bru-HIMS Tutong Core Team

The Bru-HIMS project team together with the PMMPMHAMB Hospital and Tutong Health Services Core Team conducted regular meetings to discuss the status of the implementation progress.

The discussion also touched on matters related to public awareness and the continuous improvement of the services provided to the public using Bru-HIMS.



The departments involved were Administrative, Finance, Medical Record, Clinical, Pharmacy, Laboratory, Radiology, Nursing, Material Management and Dental Services.

## Bru-HIMS Health Services RollOut in Tutong (From 27th August to 30th August 2012)

- ✓ Tutong Health Centre — 27th August 2012
- ✓ Telisai Health Centre — 28th August 2012
- ✓ Lamunin Health Centre — 29th August 2012
- ✓ Kelugos Health Centre — 30th August 2012

### Bru-HIMS Module Usage Statistics As of 30 August 2012

Facility	Date Launched	Patient Registered	OP Visit	AE Visit
Tutong Hospital	21 <sup>st</sup> Jul	12,248	4,480	2,628
Tutong Health Centre	27 <sup>th</sup> Aug	421	544	0
Telisai Health Centre	28 <sup>th</sup> Aug	222	192	0
Lamunin Health Centre	29 <sup>th</sup> Aug	219	129	0
Kelugos Health Centre	30 <sup>th</sup> Aug	60	49	0
<b>Total</b>		<b>13,170</b>	<b>5,394</b>	<b>2,628</b>

# PMMPMHAMB Hospital, Tutong Celebrates Hari Raya

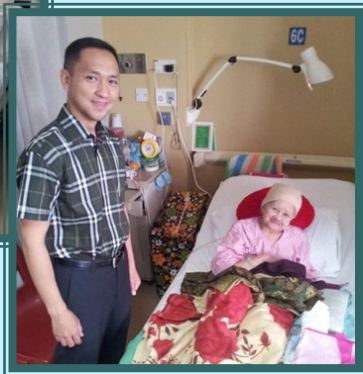


As part of its annual event, PMMPMHAMB Hospital, Tutong organised a Hari Raya celebration held on 13th September 2012 at Dewan Utama, Dewan Kemasyarakatan Tutong. Present in the event was the guest of honour The Honourable Minister of Health, Pehin Orang Kaya Johan Pahlawan Dato Seri Setia Awg Hj Adanan bin Begawan Pehin Siraja Khatib Dato Seri Setia Awg Hj Mohd Yusof.

Prior to this occasion, The Minister handed over Hari Raya hampers to children at the Paediatric Ward.

Bru-HIMS project teams were also invited to join the festive event to strengthen the working relationship between users and vendors.

## Charity Drive at PMMPMHAMB Hospital, Tutong

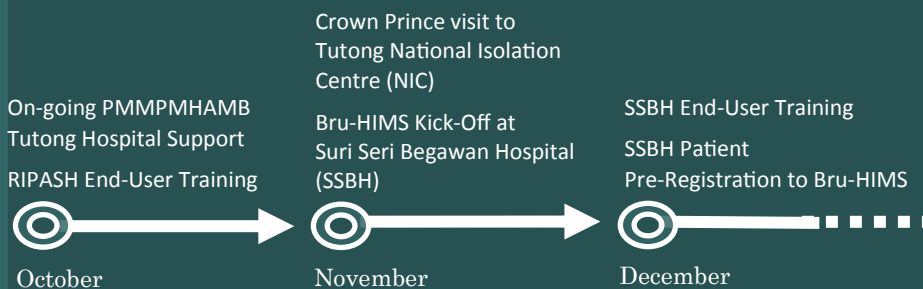


The Acting CEO of PMMPMHAMB Hospital, Tutong Mohammad Sabri bin Haji Anuar, presented Hari Raya goodie bags to hospital patients on 17th August 2012. These bags were sponsored by Ishajaya Technology Sdn.Bhd.

The event was part of the company's social responsibility as well as an attempt in bringing festive cheer to the patients.

# What's Next?

### Upcoming Activities



### The Editors' Team

**Advisor**  
 Haji Awang Saifulbahri bin Haji Mansor  
 Permanent Secretary, Ministry of Health

**Team**  
 Pg Hajah Saadiyah binti Pg Muda Haji Hashim  
 Acting Director of Healthcare Technology /  
 Chief Information officer  
 saadiyah.hashim@moh.gov.bn

Ms. Chua Swee Meng  
 System Manager  
 sweemeng.chua@moh.gov.bn

Shahrul bin Haji Ghani  
 Senior System Analyst  
 shahrul.ghani@moh.gov.bn

Anna Sabrina binti Awang Md Akip  
 System Analyst  
 anna.akip@moh.gov.bn

Pg Hajah Noorleha binti Pg Haji Ismail  
 System Analyst  
 noorleha.ismail@moh.gov.bn