

# Revisit of HKIMLSQAP Homepage

Nick Lai

[www.hkimlsqap.org](http://www.hkimlsqap.org)

香港醫務化驗學會有限公司

Formerly Hong Kong Medical Technology Association (Founded 1966)

Hong Kong Institute of  
Medical Laboratory Sciences Ltd.

HKIMLS Newsletter Sci.Meeting Journal Training Grant HKIMLSQAP Links Webmail

2014 2-13 Thursday

TEXT MA

### HKIMLS CPD Activities

2013 Nov 15 **NEW**

[The Role of Galectin-3 in Heart Failure](#)

MLT Board Accredited

Prog. Code: 07130041

MLT Board CPD 1.0 Point

2013 Sep 27

[Quality Management Review Seminar](#)

MLT Board Accredited

Prog. Code: 07130034

[About HKIMLSQAP](#)

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[Annual Report\(2008\)](#)

[Annual Report\(2009\)](#)

[Annual Report\(2010\)](#)

[Annual Report\(2011\)](#)

[Education Materials](#)

[HKIMLSQAP Administrators' login](#)

[HKIMLSQAP Participants' login](#)

[HKIMLSQAP Document](#)

Welfare

2013 Nov 14 & 15 **NEW**

[Allied Health Committee of Pathology Commissioned  
Training Program 2013/14 - Role of Laboratory Medicine in](#)

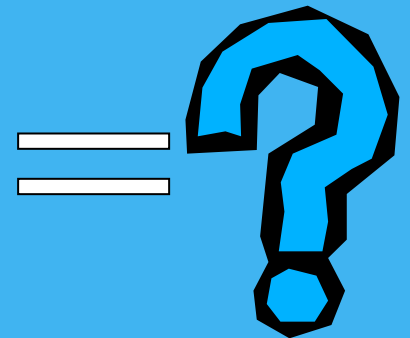
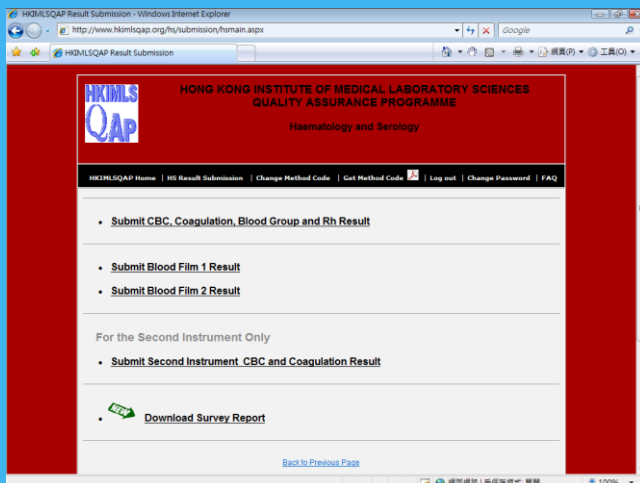


#### OFFICE ADDRESS:

Flat 1711,  
17/F Block C, Bell House,  
525-543 Nathan Road,

# Testing the Online Submission

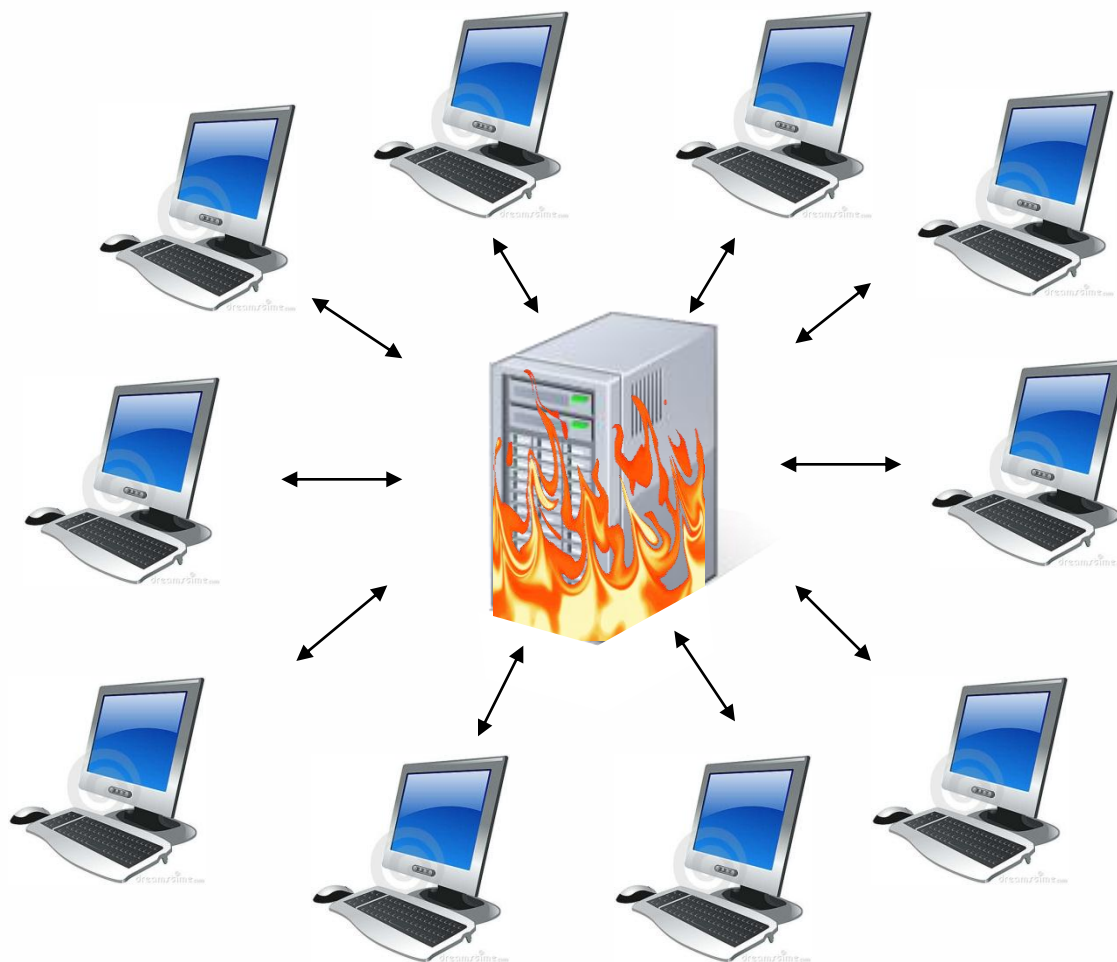
- In 2011.....  
a simple online submission system  
was built for Haematology & Serology



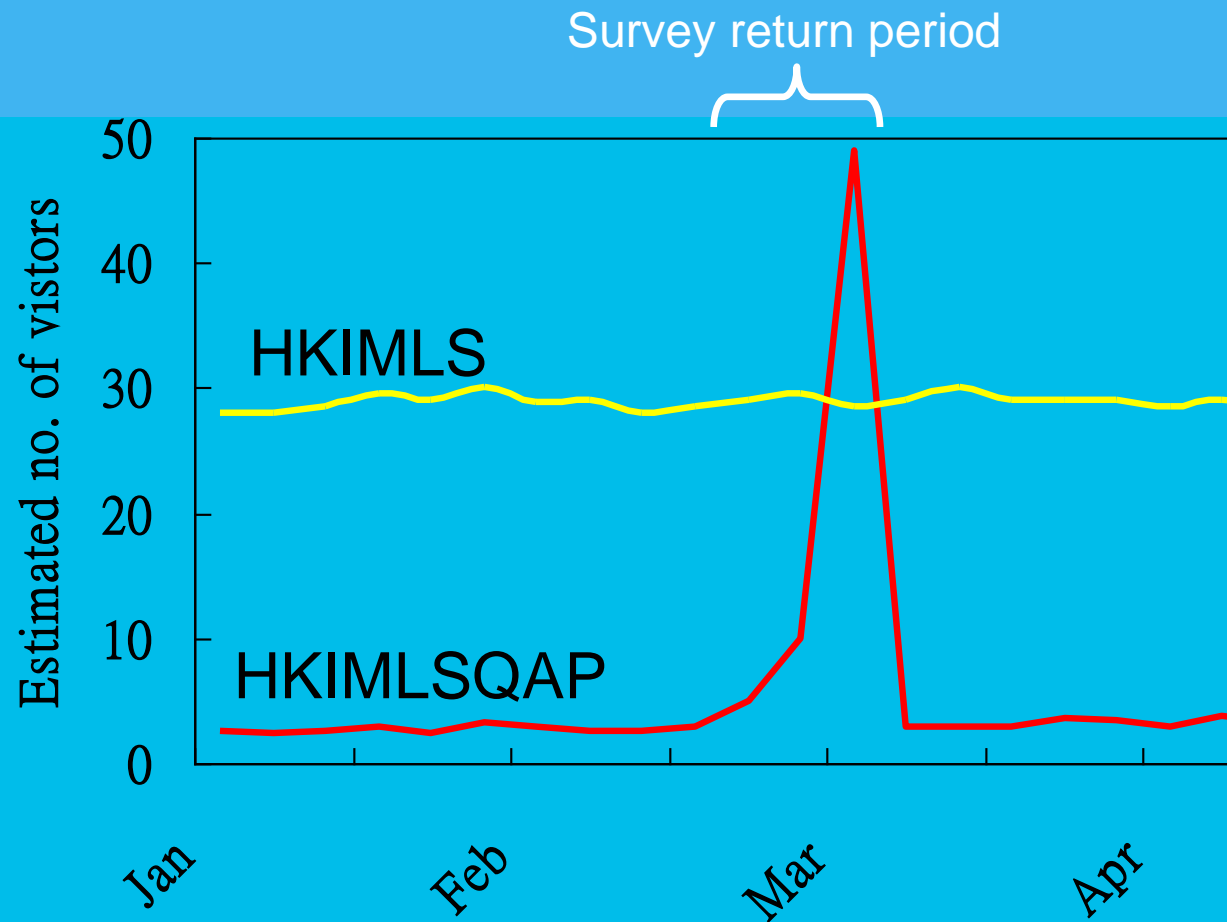




# Service Unavailable



# Website Traffic



# Solution

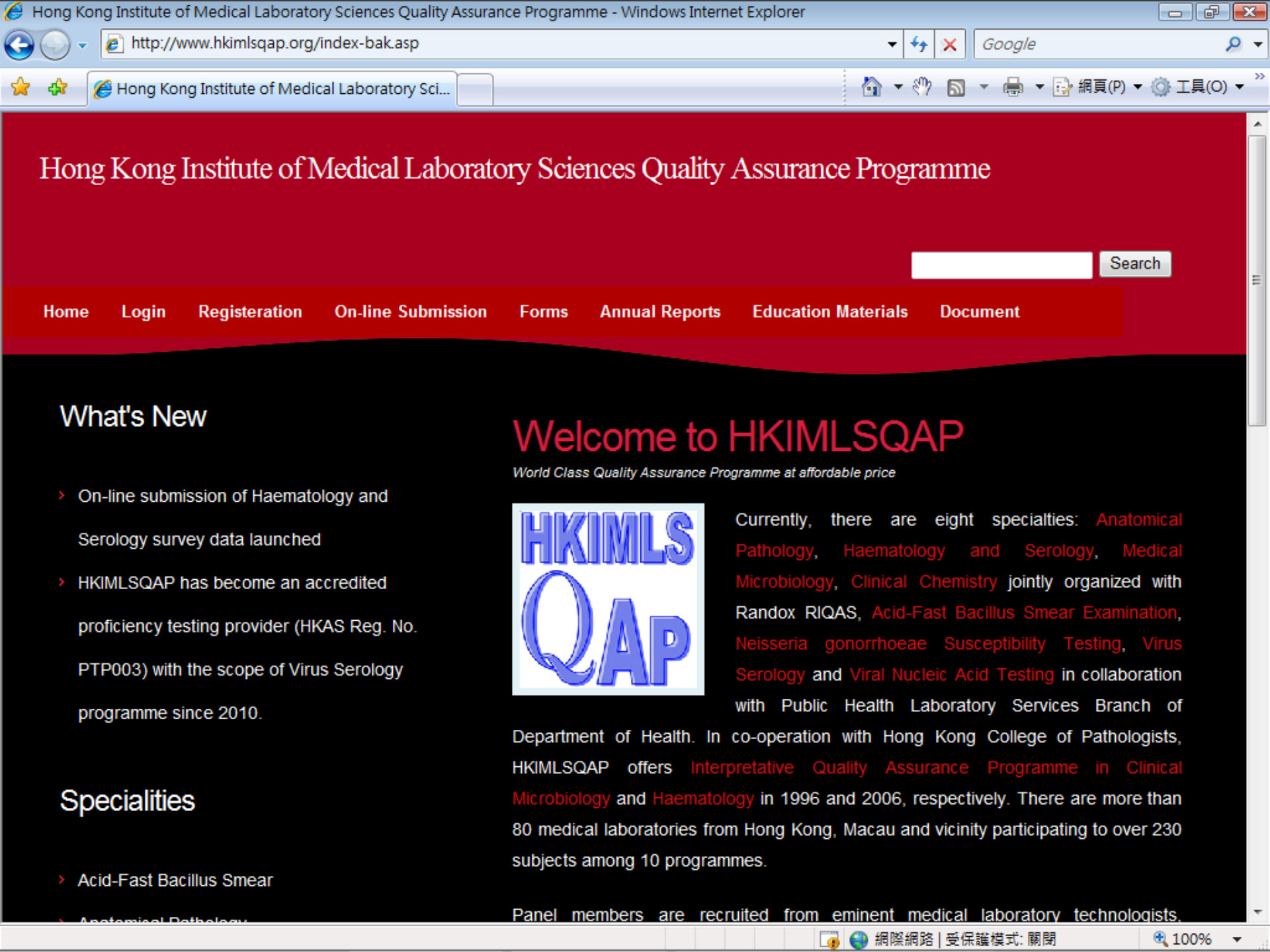
- Catering the uneven traffic of QAP submission system
- We have decided to move to a new home that can tolerate higher traffic



# Building a New Site



- Register a new domain [hkimlsqap.org](http://hkimlsqap.org)
  - Mr Bosco Yau
- move existing HKIMLSQAP pages & database to our new home
  - Mr Smallkit Wong
- initiate an *ad hoc* group to develop the on-line submission for different specialties
  - Dr Kent Tsang



# Hong Kong Institute of Medical Laboratory Sciences Quality Assurance Programme

[Home](#) [Login](#) [Registration](#) [On-line Submission](#) [Forms](#) [Annual Reports](#) [Education Materials](#) [Document](#)

## What's New

- > On-line submission of Haematology and Serology survey data launched
- > HKIMLSQAP has become an accredited proficiency testing provider (HKAS Reg. No. PTP003) with the scope of Virus Serology programme since 2010.

## Specialities

- > Acid-Fast Bacillus Smear

## Welcome to HKIMLSQAP

*World Class Quality Assurance Programme at affordable price*



Currently, there are eight specialties: Anatomical Pathology, Haematology and Serology, Medical Microbiology, Clinical Chemistry jointly organized with Randox RIQAS, Acid-Fast Bacillus Smear Examination, Neisseria gonorrhoeae Susceptibility Testing, Virus Serology and Viral Nucleic Acid Testing in collaboration with Public Health Laboratory Services Branch of

Department of Health. In co-operation with Hong Kong College of Pathologists, HKIMLSQAP offers Interpretative Quality Assurance Programme in Clinical Microbiology and Haematology in 1996 and 2006, respectively. There are more than 80 medical laboratories from Hong Kong, Macau and vicinity participating to over 230 subjects among 10 programmes.

Panel members are recruited from eminent medical laboratory technologists.



## Challenging Times...

*“During April (2012), RCPA QAP became aware of abnormal activity .....at [www.rcpaqap.com.au](http://www.rcpaqap.com.au).”*

website “malicious traffic”

RCPA QAP too “...shut down the main website...”



*“...restored to full functionality, effective 4th May 2012.”*

# Prevent Hacker

- A more secure login system



# The New Login System

- more secure to fit the online submission needs



[Frequently Asked Questions](#)[AFB Microscopy](#)[Anatomical Pathology](#)[Clinical Chemistry](#)[Haematology & Serology](#)[Medical Microbiology](#)[N. gonorrhoeae ST](#)[Viral Nucleic Acid Testing](#)[Virus Serology](#)

# Welcome

*World Class Quality Assurance*



Kong. Upon completion of the HKMTAQAP) was launched in February 1999.




- **Data Entry *(On-line Submission)***
- **Preliminary Result**
- **Download Survey Report**



## HONG KONG INSTITUTE OF MEDICAL LABORATORY SCIENCES QUALITY ASSURANCE PROGRAMME

Haematology and Serology

[HKIMLSQAP Home](#) | [HS Result Submission](#) | [Change Method Code](#) | [Get Method Code](#)  | [Log in](#) | [Change Password](#) | [FAQ](#)

Lab No.:

Password:

Login


Have problem with login? Contact us at [info@hkimlsqap.org](mailto:info@hkimlsqap.org)

Recommends Internet Explorer 6.0 or above



## HONG KONG INSTITUTE OF MEDICAL LABORATORY SCIENCES QUALITY ASSURANCE PROGRAMME

### Haematology and Serology

[HKIMLSQAP Home](#) | [HS Result Submission](#) | [Change Method Code](#) | [Get Method Code](#)  | [Log out](#) | [Change Password](#) | [FAQ](#)

- [Submit CBC, Coagulation, Blood Group and Rh Result](#)

- [Submit Blood Film 1 Result](#)

- [Submit Blood Film 2 Result](#)

#### For the Second Instrument Only


- [Submit Second Instrument CBC and Coagulation Result](#)

-  [Download Survey Report](#)

[Back to Previous Page](#)



## Haematology and Serology


[HKIMLSQAP Home](#) | [HS Result Submission](#) | [Change Method Code](#) | [Get Method Code](#)  | [Log out](#) | [Change Password](#) | [FAQ](#)

**Please select the survey report according to the first 5 digits of the sample code.**

HS134	
HS134	
HS134 - 2nd Instrument (if any)	
HS134 - Common Report	
HS133	
HS133 - 2nd Instrument (if any)	
HS133 - Common Report	
HS132	
HS132 - 2nd Instrument (if any)	
HS132 - Common Report	
HS131	
HS131 - 2nd Instrument (if any)	
HS131 - Common Report	

Download





How can the online submission  
system help Haematology &  
Serology?



HONG KONG INSTITUTE  
QUALITY A

Haematolog

Laboratory code: [REDACTED]

### Complete Blood Count

Tests		HS [REDACTED]
WBC	( $\times 10^9/L$ )	24 • 8
RBC	( $\times 10^{12}/L$ )	5 • 28
Hb	(g/dL)	17 • 7
Hct	(L/L)	
MCV	(fL)	[REDACTED]
Plt	( $\times 10^9/L$ )	[REDACTED]

### Coagulation

Tests	
APTT	(sec.)
Clinical assessment	(N)
Your Ref. range	(sec.,)

## Case 1

- illegible handwriting
- 30.5 or 36.5?
- best guess from HS Panel is 30.5

Differential Count	%
Neutrophil Band	
Neutrophil Segmented	70
Lymphocyte	25
Monocyte	5
Eosinophil	+ 1
Basophil	<b>101</b>
Blast	
Pro	
Atypical	
Others: (specify in Remark)	



Case 2  
What's wrong?



# More than a submit button!

## Error checking functions



Differential Count	%
Neutrophil Band	<input type="text" value="75"/>
Neutrophil Segmented	<input type="text" value="25"/>
Lymphocyte	<input type="text" value="5"/>
Monocyte	<input type="text" value="1"/>
Eosinophil	<input type="text" value="0"/>
Basophil	<input type="text" value="0"/>
Blast	<input type="text" value="0"/>
Promyelocyte	<input type="text" value="0"/>
Myelocyte	<input type="text" value="0"/>
Metamyelocyte	<input type="text" value="0"/>
Atypical Lymphocyte	<input type="text" value="0"/>
Others (specify in Remark)	<input type="text" value="0"/>

NRBC / 100 WBC	<input type="text" value="0"/>
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Remark of HS1415 (if any):

Submit

Reset

Print

RBC Morphology

Hypochromasia

Polychromasia

Anisocytosis

Microcytosis

Macrocytosis

WBC Morphology

Toxic granulation

Platelet Morphology

Giant form: easily found?

Clumping

Malaria  
Parasite

Windows Internet Explorer



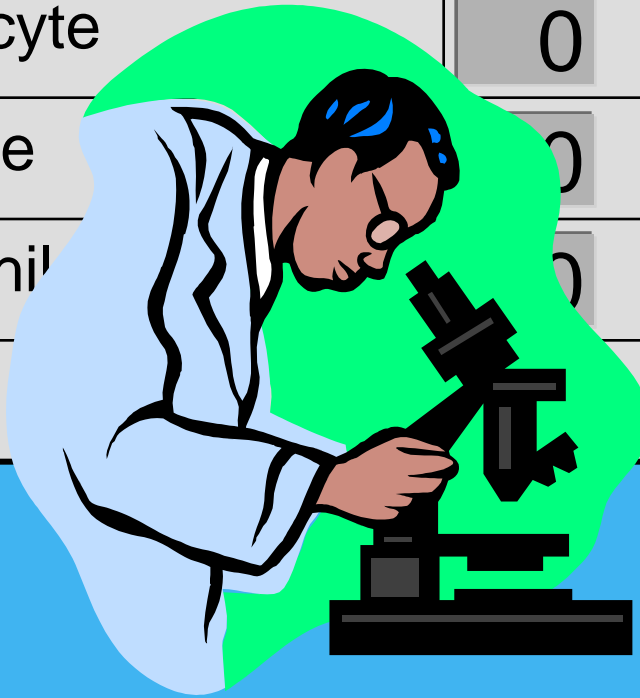
DC does not make up to 100 cells

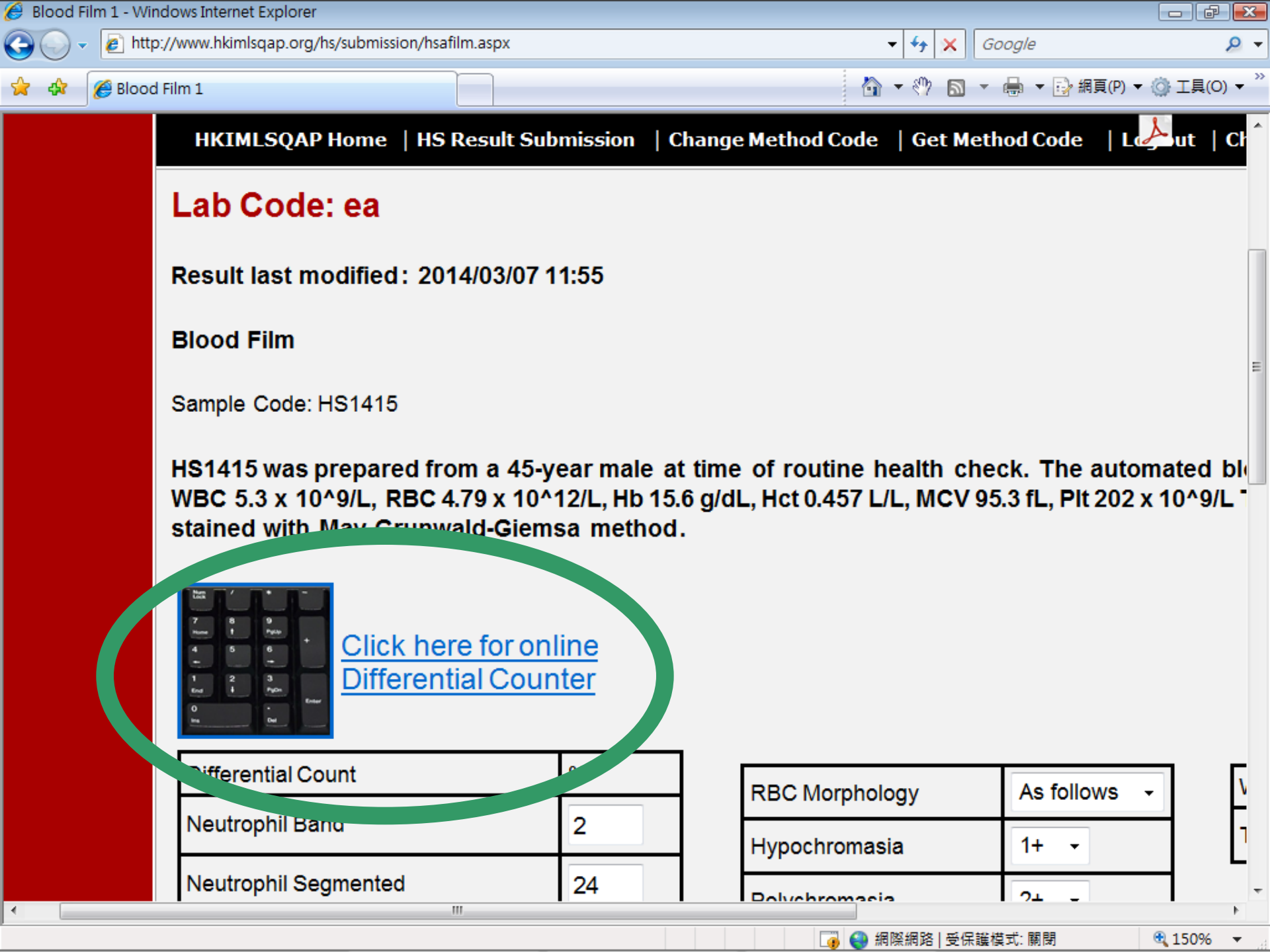
確定

# Online Differential Counter

(to be launched in 2Q14)

Key	Differential Count	<input type="text" value="0"/> %
0	Neutrophil Band	<input type="text" value="0"/>
3	Neutrophil Segmented	<input type="text" value="0"/>
2	Lymphocyte	<input type="text" value="0"/>
1	Monocyte	<input type="text" value="0"/>
4	Eosinophil	<input type="text" value="0"/>
5	Basophil	<input type="text" value="0"/>





HKIMLSQAP Home | HS Result Submission | Change Method Code | Get Method Code | Logout | CH

Lab Code: ea

Result last modified: 2014/03/07 11:55

## Blood Film

Sample Code: HS1415

HS1415 was prepared from a 45-year male at time of routine health check. The automated blood count shows WBC  $5.3 \times 10^9/L$ , RBC  $4.79 \times 10^{12}/L$ , Hb 15.6 g/dL, Hct 0.457 L/L, MCV 95.3 fL, Plt  $202 \times 10^9/L$ . The blood smear was stained with May-Grunwald-Giemsa method.



[Click here for online Differential Counter](#)

Differential Count	
Neutrophil Band	2
Neutrophil Segmented	24

RBC Morphology	As follows
Hypochromasia	1+
Polychromasia	2+

## How to use the online Differential Counter



- DC is dimmed while counting
- Reset to zero and count again
- Press “Save” after counting

- The Differential Counter is an online tool which allows you to perform WBC DC using the numeric keypad of your keyboard.

- With "Num Lock" on, click the **green** textbox below and then you can use the numeric keypad as differential counter.

- Click at any point outside the green box to restore normal keyboard function. Click "Reset" button to reset all count to zero.

- The Differential Counter would suppress DC editing. Click "Save" button to submit the result and then you can review/edit the DC



Promyelocyte	<input type="text" value="0"/>
Myelocyte	<input type="text" value="0"/>
Metamyelocyte	<input type="text" value="10"/>
Atypical Lymphocyte	<input type="text" value="0"/>
Others (specify in Remark)	<input type="text" value="0"/>

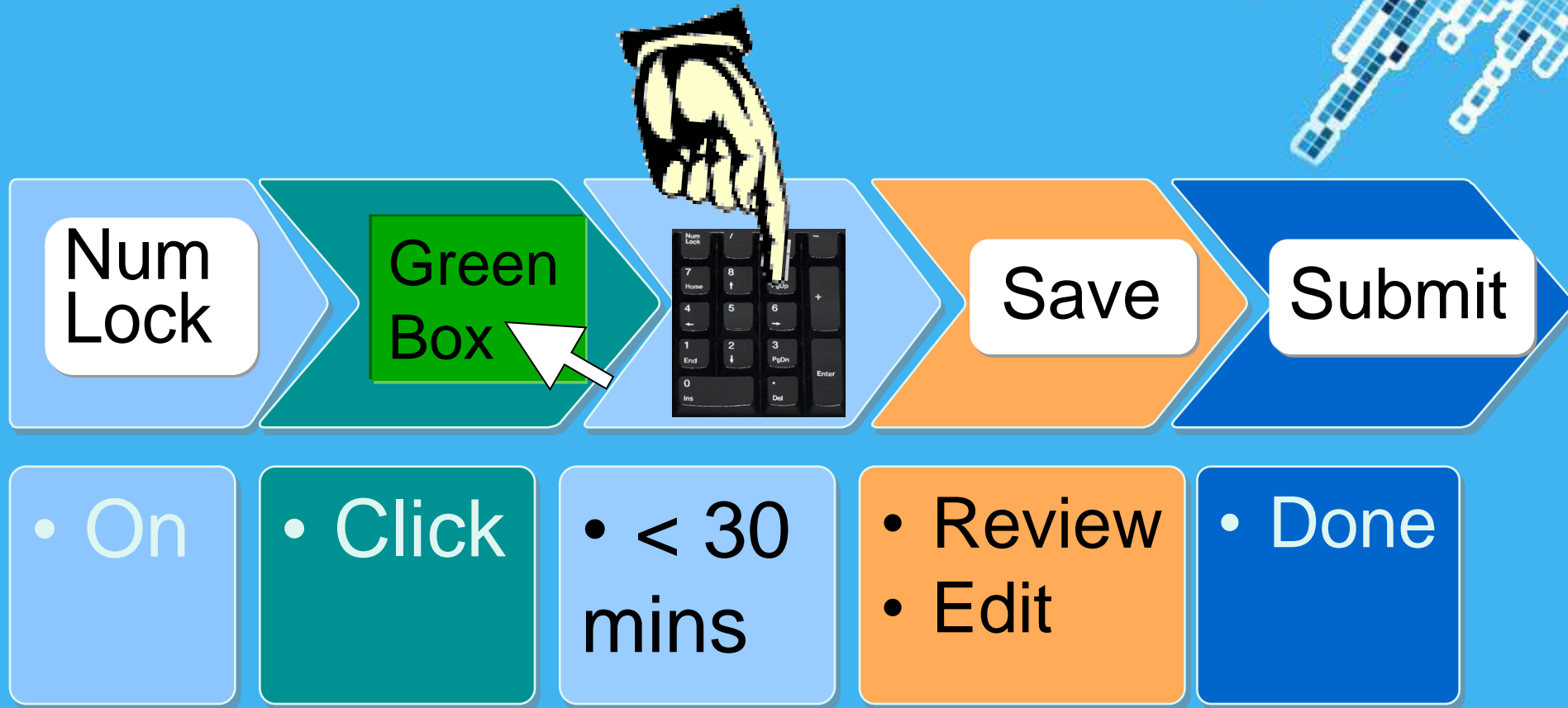
  

NRBC / 100 WBC	<input type="text" value="0"/>
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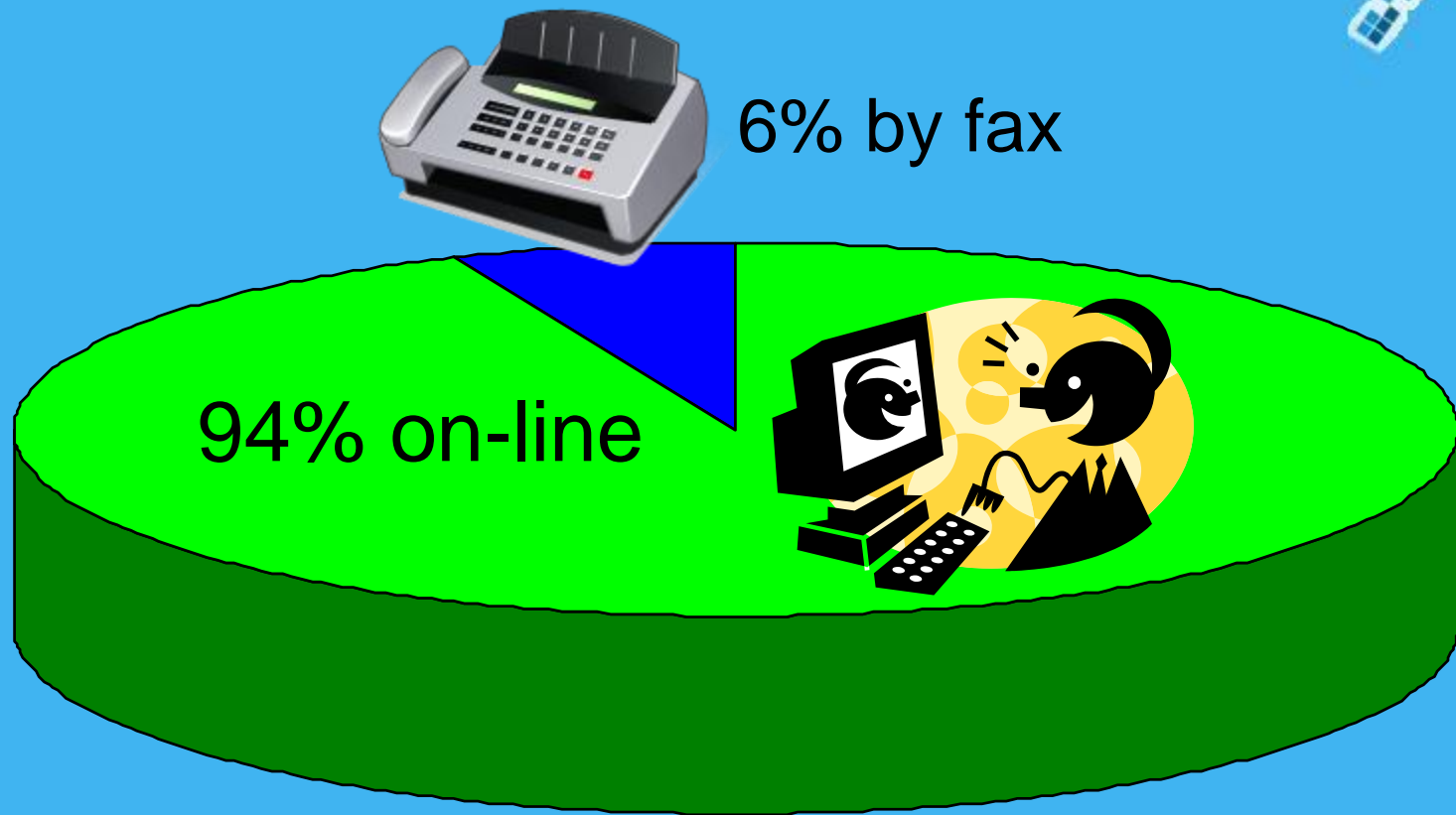
Remark of HS1415 (if any):

- Review and edit the DC obtained
- Press “Submit” button

# Note to Online DC



# HS Results Statistics



# Special Thanks



- All Webmasters
- *Ad hoc* group on online submission
- All HKIMLSQAP colleagues

~ End ~