

**Title: Ice Training Manual for GP TPP System**

<b>No. of copies :</b>	1
<b>Location of copies :</b>	1. Pathology Website <a href="http://www.barnsleyhospital.nhs.uk/pathology/pathology-general/gp-ice-user-guides/">http://www.barnsleyhospital.nhs.uk/pathology/pathology-general/gp-ice-user-guides/</a>
	2.



## Department of Pathology

### Standard Operational Procedure for the use of Ice on-line electronic Pathology requesting with TPP System One GP practice systems



**To Enable Pathology test Requesting .....4**  
**To make a test request .....5**  
    Using the search function..... 6  
    Completing the request..... 7  
    Selecting sample collection date..... 8  
    Printing the request form..... 10  
**Printer Adjustment ..... 11**  
**Taking a sample later (Postponed Request) ..... 13**  
**Reprinting a request form ..... 14**  
**To complete a postponed request generated by a  
hospital consultant .....14**  
**To view patient reports..... 18**

## Online Pathology test ordering for TPP users

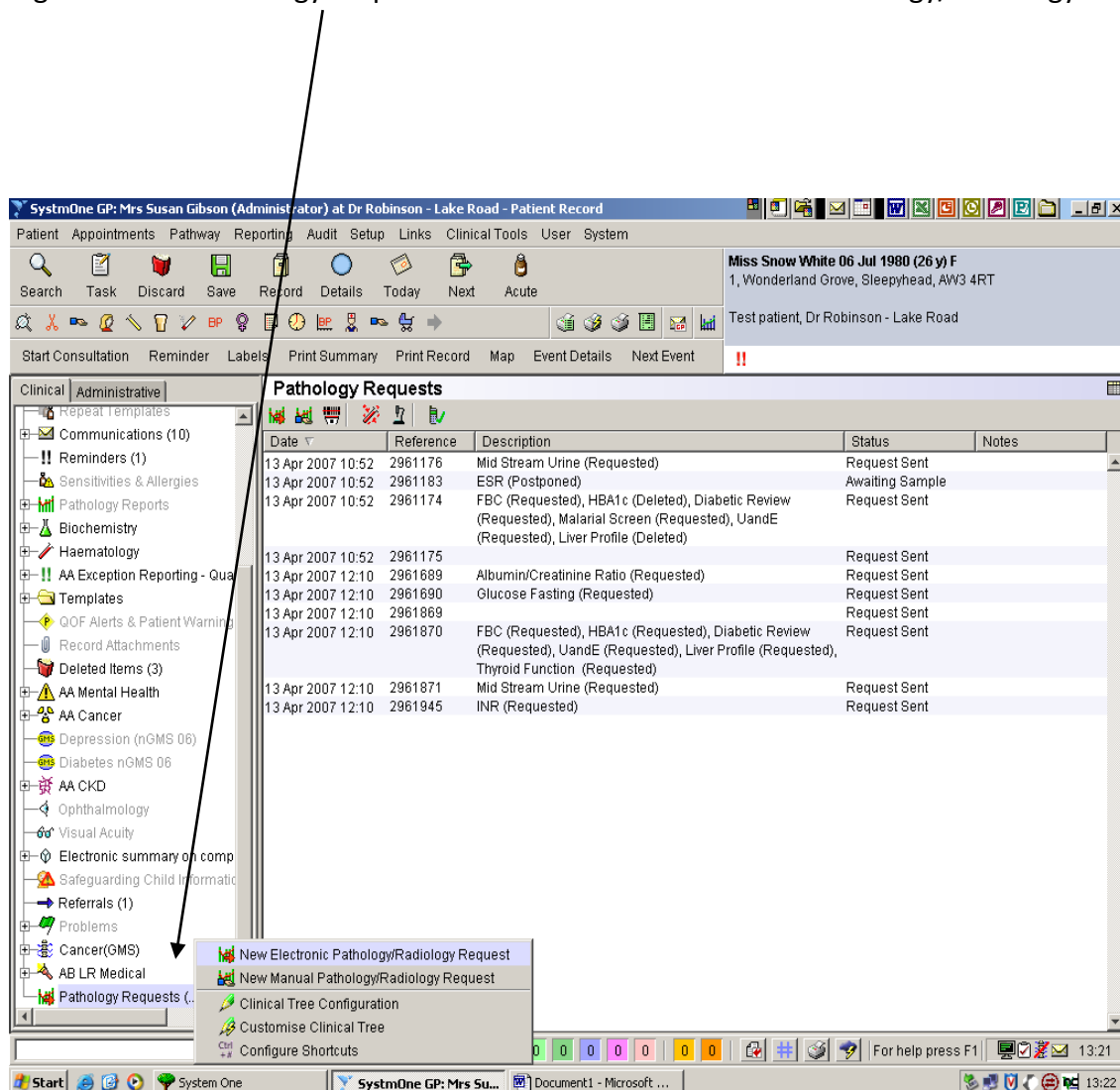
Pathology tests can be requested electronically from within your TPP system. Once the request is made it is stored electronically on the ICE server at the Trust and a hard copy request form printed within the surgery

### To enable Pathology test requesting

Ensure you have been set up as a user in the ICE system and the Pathology Electronic Request option is available on the clinical tree within TPP.

Select a patient on TPP

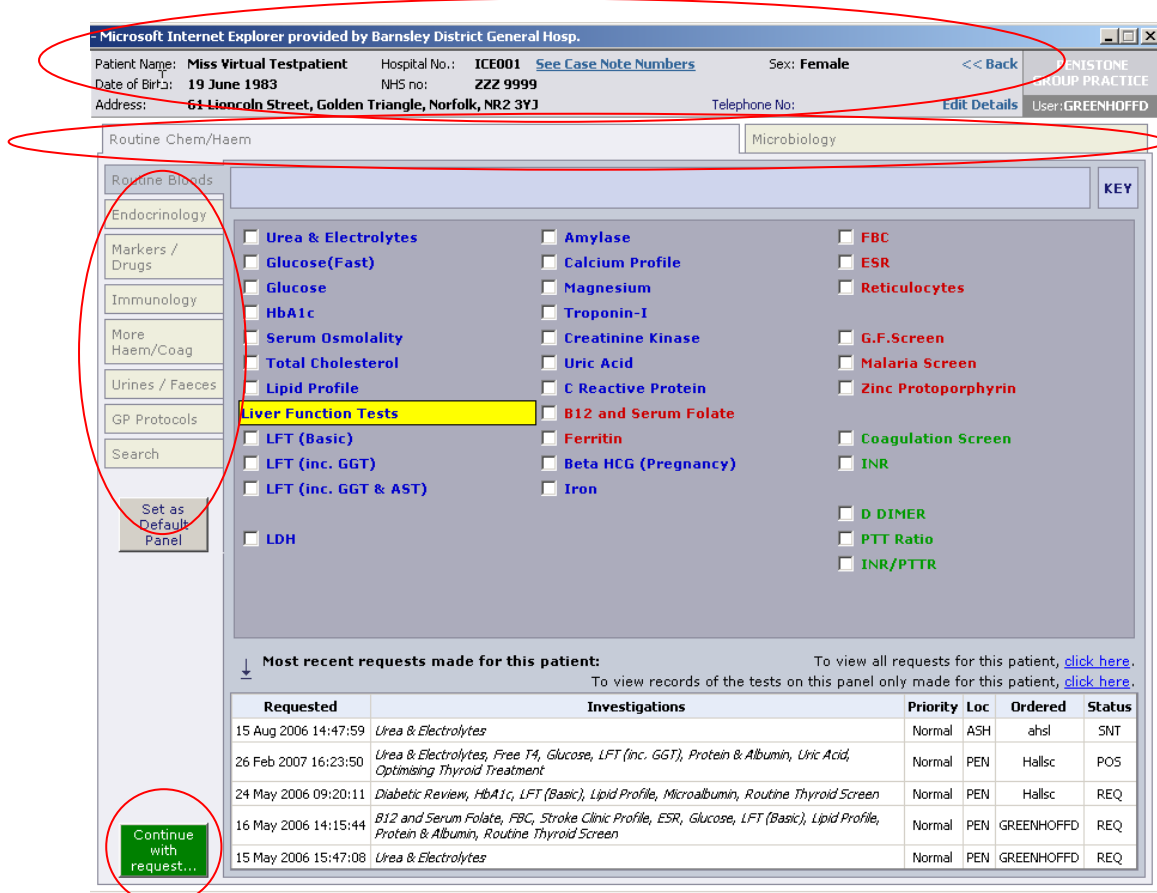
Right click on 'Pathology Requests' and select 'New Electronic Pathology/Radiology Request'.



This will then pass you through to the ICE server.

## To make a test request

On accessing the ICE server, the following page will be presented.



The patient's demographics will display in the top area of the Online Test Request window. **Please ensure this is the correct patient you wish to make a request for before proceeding.**

There are 2 Panels (Tabs), Routine Chem/Haem and Microbiology, across the screen, left to right, below the patients' demographics. (If you are a GP you will see extra tabs for Radiology)

Down the left side of each panel are the vertical tabs, which identify the group names for tests sitting on the selected panel.

To make a request check the box against the test you require.

Having selected the required test(s) left click the mouse on the green 'Continue with request' button located in the bottom left corner.

## Using the search function

If you cannot find a test then use the 'Search' function.

Click on the 'Search' tab and the search page is displayed.

The screenshot displays the search interface for a patient named Miss Virtual Testpatient. The search panel on the left includes a 'Test name' field with 'test' entered, a 'Search in:' section with radio buttons for 'this panel only' and 'all tests' (the latter is selected and circled in red), and a 'Search type:' section with radio buttons for 'descriptions' and 'codes' (the former is selected and circled in red). Below these are options for 'Search for text:' with radio buttons for 'Anywhere in the test name' and 'From the start of the test name'. A 'Search' button is at the bottom of the panel. The 'GP Protocols' tab is also circled in red. The main area on the right shows a list of tests with checkboxes, including Cellulose test, LRH Stimulation Test, Pancreolauryl Test, Pregnancy Test, Schilling Test (1), Schilling Test (2), Short Synacthen Test, TEST PANEL, Testosterone, Testosterone / SHBG Profile, and TRH Stimulation Test.

It is recommended the user searches on 'all tests' rather than 'this panel only' as you will be more likely to find the required test. Enter part of the test name into the 'Test name' field and select 'Search'. All potential matches will be displayed.

Select the required test(s) by checking the box at the side of the test then left click the mouse on the green 'Continue with request' button.

## Completing the request

After selecting the 'Continue with the request button' the following screen will appear

Microsoft Internet Explorer provided by Barnsley District General Hosp.

Patient Name: Miss Virtual Testpatient Hospital No.: ICE001 [See Case Note Numbers](#) Sex: Female << Back PENISTONE GROUP PRACTICE  
Date of Birth: 19 June 1983 NHS no: ZZZ 9999 Telephone No: Edit Details User: GREENHOFFD  
Address: 61 Lincoln Street, Golden Triangle, Norfolk, NR2 3YJ

Please complete the following details regarding your request. Once you have completed the details, click the 'Accept Request' button to continue or 'More Tests' to add more tests. Fields with a shaded background are mandatory.

**General Details:**  
User: GREENHOFFD  
Bleep / Contact No: [text box]  
Requesting Consultant / GP: BALL, DR SE  
Location: PENISTONE GROUP PRACTICE  
**Global Clinical Details:**  
Routine Screen  
Category: NHS

**Order Details:**  
Chemical Pathology - Urines  
Tests in this order: HbA1c  
 I want to fill out specimen details later  
Priority: Normal  
Sample collection options:  
 Collect Now  
**Danger of Infection (High Risk):**  Yes  No

More Tests Accept Request Review

If the user has their own mailbox or is a GP at the practice the 'Requesting Consultant/GP' will automatically populate to the person making the request on the TPP system. The report will then be sent to this individual through their lab links.

If you are requesting on behalf of a GP you **MUST** change the 'Requesting Consultant/GP' field to display the name of the individual who will be taking responsibility for that report.

Enter the clinical details in to the free text 'Global Clinical Details' box. You must enter text into this field; it will not let you proceed without text.

## Selecting sample collection date

There are two options available for sample collection date.

If you wish to 'Postpone' sample collection until a later date then select the option 'Postpone sample collection until later'. This will then prompt a further check box to appear, 'Print a postponed request summary for this order'. If the patient is going to have these tests performed anywhere other than your surgery, you must check this box and print the request summary. Once printed, give this to the patient to take with them to the phlebotomy department for the bloods to be collected.

Once this is done, select 'Accept Request' in the bottom right hand corner of the screen. This action will place the request on a pending queue in the ICE system. The pending queue can be accessed at a later date when the specimen is to be taken.

The screenshot displays the ICE system interface for a patient named Rev Mickey Mouse. The patient's details include Date of Birth: 29 June 1966, Hospital Number: ICE007, NHS Number: 999 000 5249, and Address: 111 Rose Tree Avenue, Cudworth, Barnsley, S Yorkshire. The interface shows two 'Order Details' boxes. The first box is for 'BHI - Barnsley - Urines & Fluids' and the second is for 'BHI - Barnsley'. Both boxes have a 'Postpone sample collection until later' checkbox checked. The first box also has a 'Print a postponed request summary for this order' checkbox checked. The 'Danger of Infection (High Risk)' section for both tests has radio buttons for 'Yes' and 'No', with 'No' selected. The 'Sample collection options' section for both tests has radio buttons for 'Collect Now' and 'Collect on specified date', with 'Collect Now' selected. A black arrow points from the text above to the 'Print a postponed request summary for this order' checkbox of the first test.

If the specimen is to be taken immediately then select the 'Collect Now' collection option.

There may be more than one 'Order Details' boxes to complete as some tests go to different laboratories or specialties e.g. Microbiology and Blood Sciences. Each box shown will generate a separate form for the requests stated on the individual box.



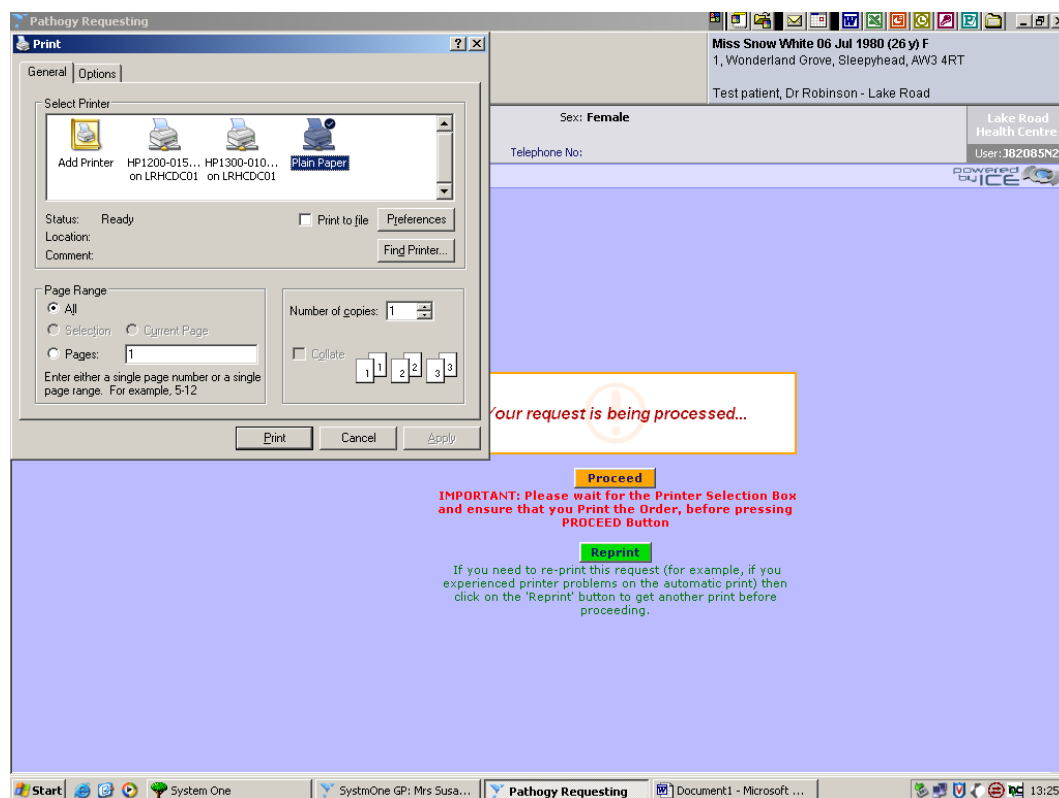
If a patient has a confirmed Category 3 infection then please check the box 'Danger of Infection'. Please also attach a Danger of Infection sticker to all samples and the printed request card.

To complete the request/s select the 'Accept Request' button at the bottom right hand corner of the screen. This will record on the ICE system that the tests have been completed.

## Printing the request form

Once the 'Accept Request' button is selected the system will initiate the printing of the hard copy form. It is important to wait for the printer box to appear before proceeding.

A printer box will appear with the default set to the printer in the room or the printer set-up as default for the PC.



Select the 'Print' button.

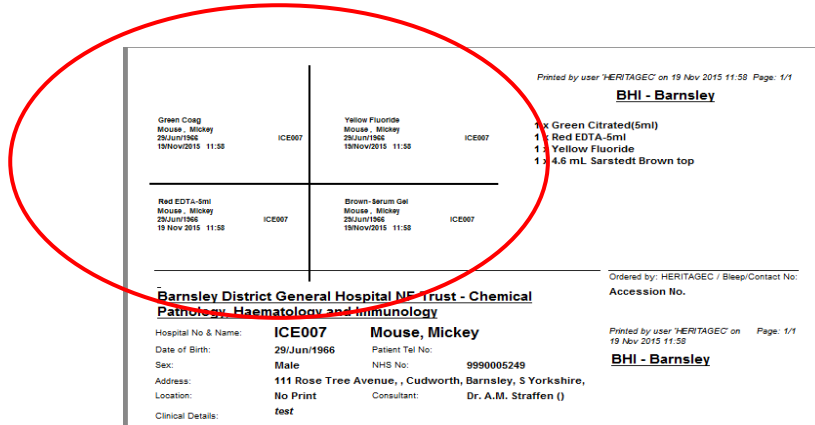
Once the form has printed check that it is on the correct ICE stationary and the patient demographics all appear in the correct place on each of the bottle labels. If this is all correct then select the orange 'Proceed' button. If the request has printed on the wrong paper or the information is not contained in the labels do not select 'proceed', instead make the necessary adjustments and then select the Green 'Reprint' button. Once the reprint is made ensure all is then correct and then select the 'Proceed' button.

If multiple forms require printing the print dialogue box will re-appear on screen. Repeat the above process ensuring the orange 'Proceed' button is selected after each print action.

Once all forms are printed the ICE system will close and you will be taken back into your TPP System. A record of the ICE request will be made against the patient record in TPP, the status will either show as postponed or request sent. When prompted save the data back into your practice system.

## Printer Adjustment

Bottle labels should look like this: -



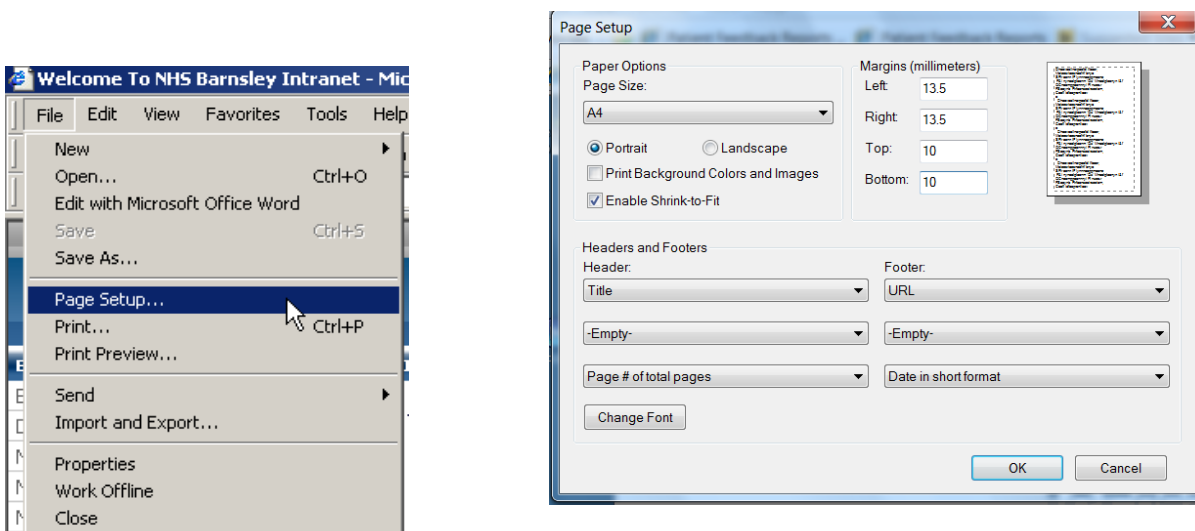
Please ensure all the patient demographics are contained inside each individual label. If the information is not contained inside each individual label this will be because the margin settings will be wrong.

Adjust margins as necessary. You can repeatedly adjust and reprint requests until aligned correctly. Once the margin settings are correct they should not need doing again unless your PC is updated and then the margins may revert back to their original factory settings, thus meaning you will need to reset them again.

To adjust printer margins – Open internet explorer –



From the toolbar at the top of the screen select 'File' and then 'Page Setup'



Ensure A4 is selected, then alter Top and Bottom margin to 10, Right and Left to 13.5, click OK

Once the labels are printed you should attach them to the appropriately coloured bottle, as indicated on each individual label.

Labels should be attached as shown in the diagram below: as close to the cap as possible and covering the existing manufacturers label so that there is clear space at the back of the bottle to allow sight of the blood level in the bottle.

It is extremely important that the labels are attached to the correct coloured bottle, e.g. the label that says red top is attached to the red top bottle etc.

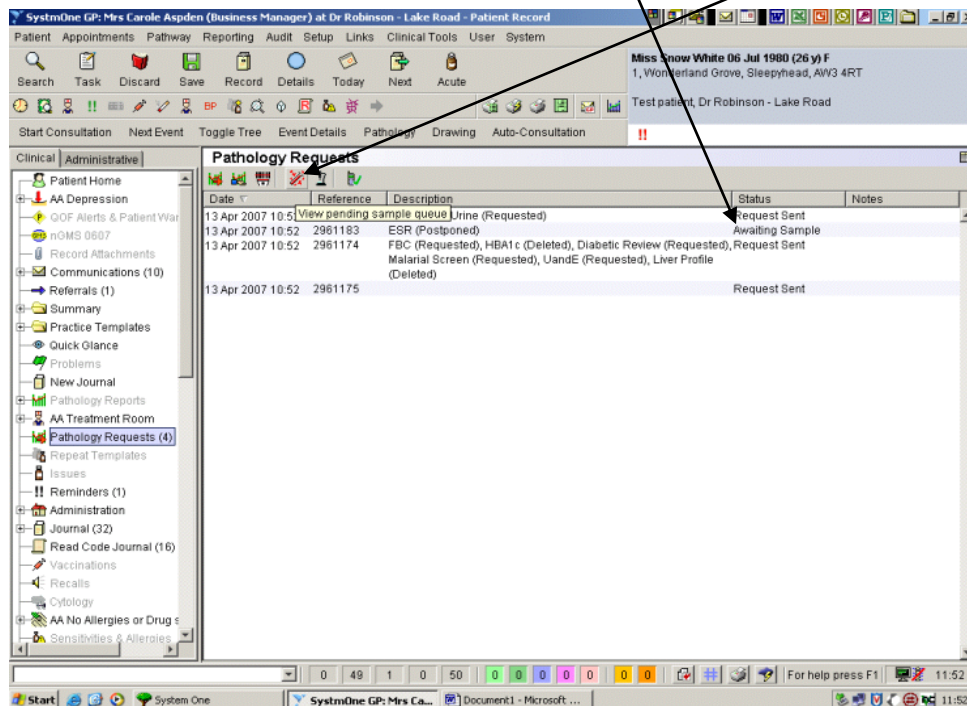


## Taking a sample later (Postponed Request)

Select a patient in TPP

Select 'pathology Requests' from the clinical tree.

A list of all electronic requests for that patient will appear. Select and highlight the test you wish to take, the status should be 'Awaiting Sample' then either left click on the test tube icon 'Take Sample' or right click on the required test and click "Take Sample" from the options which will then appear on screen



You will then pass through to the ICE system

A list of all electronic requests for that patient will appear. Select and highlight the test you wish to take, the status should be 'POS' (Postponed) then click "Take Sample"

Click the option 'collect now'.

Select 'Accept Request' button then follow the printing instructions as above.

The request status on TPP will then automatically update from Awaiting Sample to Request Sent.

When prompted save the data back into your practice system.

## Reprinting a completed request form, deleting or adding additional tests to a postponed request, printing a postponed request summary that has already been placed on the system

Select a patient in TPP

In the Pathology Requests page select the icon that looks like a black microscope - 'View pending request list'.

The screenshot displays the SystemOne GP software interface. The title bar reads "SystemOne GP: Mrs Susan Gibson (Administrator) at Dr Robinson - Lake Road - Patient Record". The patient information panel shows "Miss Snow White 06 Jul 1980 (26 y) F" and "1, Wonderland Grove, Sleepyhead, AW3 4RT". The main window is titled "Pathology Requests" and contains a table with the following data:

Date	Request ID	Request Description	Status	Notes
13 Apr 2007 10:52	2961176	Mid Stream Urine (Requested)	Request Sent	
13 Apr 2007 10:52	2961183	ESR (Postponed)	Awaiting Sample	
13 Apr 2007 10:52	2961174	FBC (Requested), HBA1c (Deleted), Diabetic Review (Requested), Malarial Screen (Requested), UandE (Requested), Liver Profile (Deleted)	Request Sent	
13 Apr 2007 10:52	2961175		Request Sent	
13 Apr 2007 12:10	2961689	Albumin/Creatinine Ratio (Requested)	Request Sent	
13 Apr 2007 12:10	2961690	Glucose Fasting (Requested)	Request Sent	
13 Apr 2007 12:10	2961869		Request Sent	
13 Apr 2007 12:10	2961870	FBC (Requested), HBA1c (Requested), Diabetic Review (Requested), UandE (Requested), Liver Profile (Requested), Thyroid Function (Requested)	Request Sent	
13 Apr 2007 12:10	2961871	Mid Stream Urine (Requested)	Request Sent	
13 Apr 2007 12:10	2961945	INR (Requested)	Request Sent	
13 Apr 2007 12:10	2962108	ESR (Requested)	Request Sent	

This will take you out of TPP and over into the ICE system, where a list of all the patients electronic requests on ICE will be displayed.

esktop - Microsoft Internet Explorer provided by Barnsley Hospital

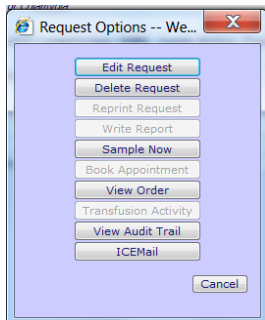
Patient Name: **Rev Mickey Mouse**      Hospital Number: **ICE007**      Sex: **Male**  
 Date of Birth: **29 June 1966**      NHS Number: **999 000 5249**  
 Address: **111 Rose Tree Avenue, Cudworth, Barnsley, S Yorkshire**      Telephone No:

Status: [ALL] (excludes deleted requests)  
 Sample type: [All sample types]      Sample Status: [Show All]

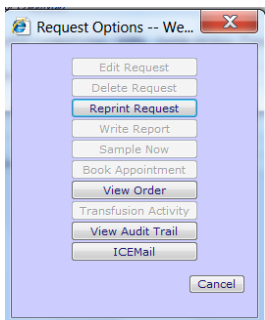
Date/Time Requested	Sample Collection	Investigations (Request Comments, Clinical Details)	Loc	Ordered By	Status
12 Jan 2015 17:05	26 Jan 2015 14:45	IRP - Iron Profile	C85014	C85014Z1	SPC
12 Jan 2015 17:03	12 Jan 2015 17:03	CAP - Calcium Profile / E - Urea and Electrolytes / F - FBC / LC - Bone Profile / VD - Vitamin D	C85014	C85014Z1	SPC
19 Jun 2014 15:46	02 Feb 2015 11:03	E - Urea and Electrolytes / F - FBC	NOP	HERITAGEC	SPC
17 Feb 2014 15:44	17 Feb 2014 15:44	HGM - Haemochromatosis Gene	Phlebotomy	HERITAGEC	SPC
17 Feb 2014 15:26	17 Feb 2014 15:26	MARK - Cell Markers (Lymphoid)(Discussed (HAE)=Yes)	Phlebotomy	HERITAGEC	SPC
09 Dec 2013 15:57		VB6	DINNINGTON		RR
09 Dec 2013 15:45		VB6	C85033		RR
09 Dec 2013 15:42	09 Dec 2013 15:42	E - Urea and Electrolytes	BIO	worboyswi	RR
25 Oct 2013 13:58		F - FBC	NOP	HERITAGEC	POS
19 Sep 2013 09:48	19 Sep 2013 09:48	GCC - GC culture	FPC	obriens	SPC
19 Sep 2013 09:48	19 Sep 2013 09:48	CT - Endocervical Swab for Chlamydia	FPC	obriens	SPC
19 Sep 2013 09:48	19 Sep 2013 09:48	RGS - HIV culture	FPC	obriens	SPC
19 Sep 2013 09:48	19 Sep 2013 09:48	HIVG - HIV Screening test(HIV Consent?=Yes)   SYPG - Syphilis Serology (Treponema)	FPC	obriens	SPC
19 Sep 2013 09:42	19 Sep 2013 09:42	GCC - GC culture	FPC	obriens	SPC
19 Sep 2013 09:42	19 Sep 2013 09:42	CT - Endocervical Swab for Chlamydia	FPC	obriens	SPC
19 Sep 2013 09:42	19 Sep 2013 09:42	RGS - HIV culture	FPC	obriens	SPC
19 Sep 2013 09:42	19 Sep 2013 09:42	HIVG - HIV Screening test(HIV Consent?=Yes)   SYPG - Syphilis Serology (Treponema)	FPC	obriens	SPC
03 Sep 2013 16:35	03 Sep 2013 16:34	RGS - HIV culture	FPC	obriens	SPC
03 Sep 2013 16:26	03 Sep 2013 16:26	GCC - GC culture	FPC	jeyasundaramr	SPC
03 Sep 2013 16:26	03 Sep 2013 16:26	CT - Endocervical Swab for Chlamydia	FPC	jeyasundaramr	SPC

Left click on the request you wish to work on.

If the status of the request is **'POS'** this means the test is still awaiting collection so then you can click 'Edit Request' to allow you to add additional tests to the existing order. You can also print off a postponed summary request by clicking 'Edit Request' then don't add any tests, just click the green 'Continue With Request' button in the bottom left hand corner of the order screen which will take you to the next page where you can select 'Print Postponed Request Summary', then 'Accept Request'. You can also delete a postponed request by clicking 'Delete Request' and typing a reason in the box that appears.



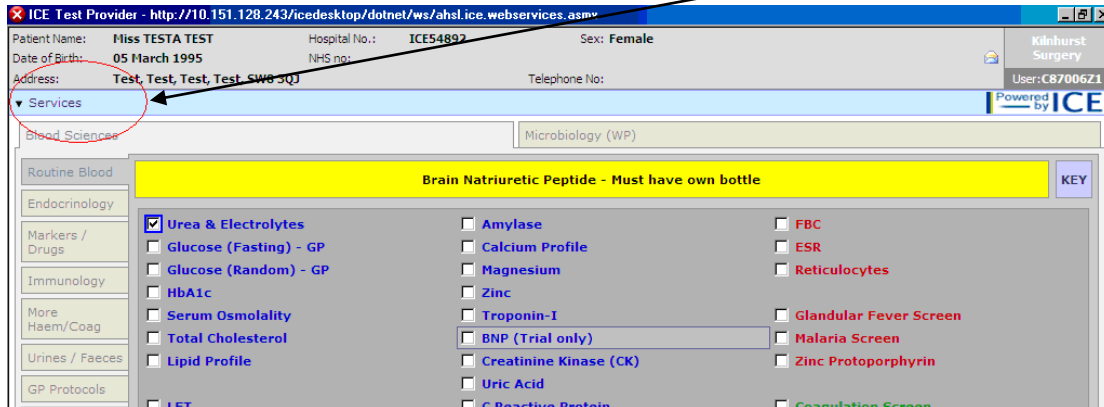
If the status of the request is **'SPC'** this means the test has already been collected so the only option available to you is to 'Reprint Request'. This will allow you to reprint a completed request form in the event of it originally being printed out on the wrong paper etc.



## To bleed a patient who presents with a postponed request form generated by a consultant at Barnsley Hospital

**NB** The hospital generated request **will not** appear in your TPP system 1 screen

Select the correct patient in your TPP System 1. Follow the same procedure as you would to make a new request. Once in the requesting screen hover your cursor over the **services** option. Select 'patient request list' from the drop-down list that appears.



The following screen will then appear

Microsoft Internet Explorer provided by barnsley District General Hosp.

Patient Name: **PATIENT TEST** Hospital No.: **900000** Sex: **Female**  
 Date of Birth: **01 January 1990** NHS no:  
 Address: **TEST STREET, TEST ROAD, SHEFFIELD, Z299 3YZ** Telephone No:  
 User: **HERITAGEC**

Requests By Patient: Status: [ALL] (excludes deleted requests)  
 Sample type: [All sample types] Sample Status: [Show All]

Date/Time Requested	Sample Collection	Investigations (Request Comments, Clinical Details)	Loc	Ordered By	Status
02/Aug/2011 14:56	02/Aug/2011 14:56	E - Urea and Electrolytes   GLFS - Glucose (Fasting)   I - INR   RET - Reticulocytes	NOP	HERITAGEC	SPC
02/Aug/2011 14:55	02/Aug/2011 14:55	CS - Coagulation Screen   E - Urea and Electrolytes   F - FBC   GLF - Glucose (Fasting) - GP	NOP	HERITAGEC	SPC
02/Aug/2011 14:35	02/Aug/2011 14:35	CS - Coagulation Screen   E - Urea and Electrolytes   GS - Glucose (Random)   HBA1 - HbA1c	ICE2222	HERITAGEC	SPC
02/Aug/2011 14:34	02/Aug/2011 14:34	CS - Coagulation Screen   E - Urea and Electrolytes   F - FBC   GS - Glucose (Random)	BIO	HERITAGEC	SPC
15/Jul/2011 09:39	15/Jul/2011 09:39	HBA1 - HbA1c	Phlebotomy	HERITAGEC	SPC
16/Jun/2011 10:38	16/Jun/2011 10:38	TS - Thrombophilia Screen	Phlebotomy	HERITAGEC	SPC
09/Feb/2011 15:36		A - Amylase   RET - Reticulocytes   S - ESR   ZN - Zinc	Phlebotomy	HERITAGEC	POS
09/Feb/2011 09:29	09/Feb/2011 09:29	FOB - Faecal Occult Blood	KHW6:KH6	HERITAGEC	SPC
09/Feb/2011 09:26		F - Faeces culture	KHW9:KH9	HERITAGEC	POS
03/Feb/2011 12:37	03/Feb/2011 12:37	GS - Glucose (Random)	ICE2222	HERITAGEC	SPC
03/Feb/2011 12:33	03/Feb/2011 12:33	E - Urea and Electrolytes   T - Thyroid Function Test - Pt. on Thyroxine	ICE2222	HERITAGEC	SPC
02/Feb/2011 12:19		MALB - Microalbumin (DM)	NOP	HERITAGEC	POS
18/Jan/2011 13:47	18/Jan/2011 13:47	JAK2 - JAK2   MARK - Cell Markers (Lymphoid)	BIO	HERITAGEC	SPC
16/Aug/2010 09:31	16/Aug/2010 09:31	WS - Right Ear Swab	Phlebotomy	HERITAGEC	SPC



Select the **POSTPONED** request that has been made by the consultant at the Hospital. The following options box should appear

Requests By Patient: Status: [ALL] (excludes deleted requests) Sample type: [All sample types] Sample Status: [Show All]

Date/Time Requested	Sample Collection	Investigations (Request Comments, Clinical Details)	Loc	Ordered By	Status
02/Aug/2011 14:56	02/Aug/2011 14:56	E - Urea and Electrolytes   GLFS - Glucose (Fasting)   I - INR   RET - Reticulocytes	NOP	HERITAGEC	SPC
02/Aug/2011 14:55	02/Aug/2011 14:55	CS - Coagulation Screen   E - Urea and Electrolytes   F - FBC   GLF - Glucose (Fasting) - GP	NOP	HERITAGEC	SPC
02/Aug/2011 14:35	02/Aug/2011 14:35	CS - Coagulation	ICE2222	HERITAGEC	SPC
02/Aug/2011 14:34	02/Aug/2011 14:34	CS - Coagulation	BIO	HERITAGEC	SPC
15/Jul/2011 09:39	15/Jul/2011 09:39	HBA1 - HbA1c	Phlebotomy	HERITAGEC	SPC
16/Jun/2011 10:38	16/Jun/2011 10:38	TS - Thrombophilic	Phlebotomy	HERITAGEC	SPC
09/Feb/2011 15:36	09/Feb/2011 15:36	A - Amylase   REI	Phlebotomy	HERITAGEC	POS
09/Feb/2011 09:29	09/Feb/2011 09:29	FOB - Faecal Occ	KHW6:KH6	HERITAGEC	SPC
09/Feb/2011 09:26	09/Feb/2011 09:26	F - Faeces culture	KHW9:KH9	HERITAGEC	POS
03/Feb/2011 12:37	03/Feb/2011 12:37	GS - Glucose (Ra	ICE2222	HERITAGEC	SPC
03/Feb/2011 12:33	03/Feb/2011 12:33	E - Urea and Elect	ICE2222	HERITAGEC	SPC
02/Feb/2011 12:19	02/Feb/2011 12:19	MALB - Microalby	NOP	HERITAGEC	POS
18/Jan/2011 13:47	18/Jan/2011 13:47	JAK2 - JAK2   MARK - Cell Markers ( Lymphoid)	BIO	HERITAGEC	SPC
16/Aug/2010 09:31	16/Aug/2010 09:31	WS - Right Ear Swab	Phlebotomy	HERITAGEC	SPC
14/Jul/2010 09:41	15/Jul/2010	HBS - Hepatitis B surface Antigen   HIV - HIV Ab/Ag(HIV Consent?= (immunity screen)   SYPG - Syphilis Serology (Treponema)	W13:13	HERITAGEC	SPC
08/Jun/2010 14:03	09/Jun/2010	GLFS - Glucose (Fasting)	W15:15	HERITAGEC	SPC
19/May/2010 12:53	19/May/2010 12:53	CAP - Calcium Profile   L - Bone Profile	PREASS	HERITAGEC	SPC
19/May/2010 13:39	19/May/2010 13:39	F - FBC   S - ESR	BIO	HERITAGEC	SPC

Select "Sample now"

Follow normal procedure for completing and printing the request

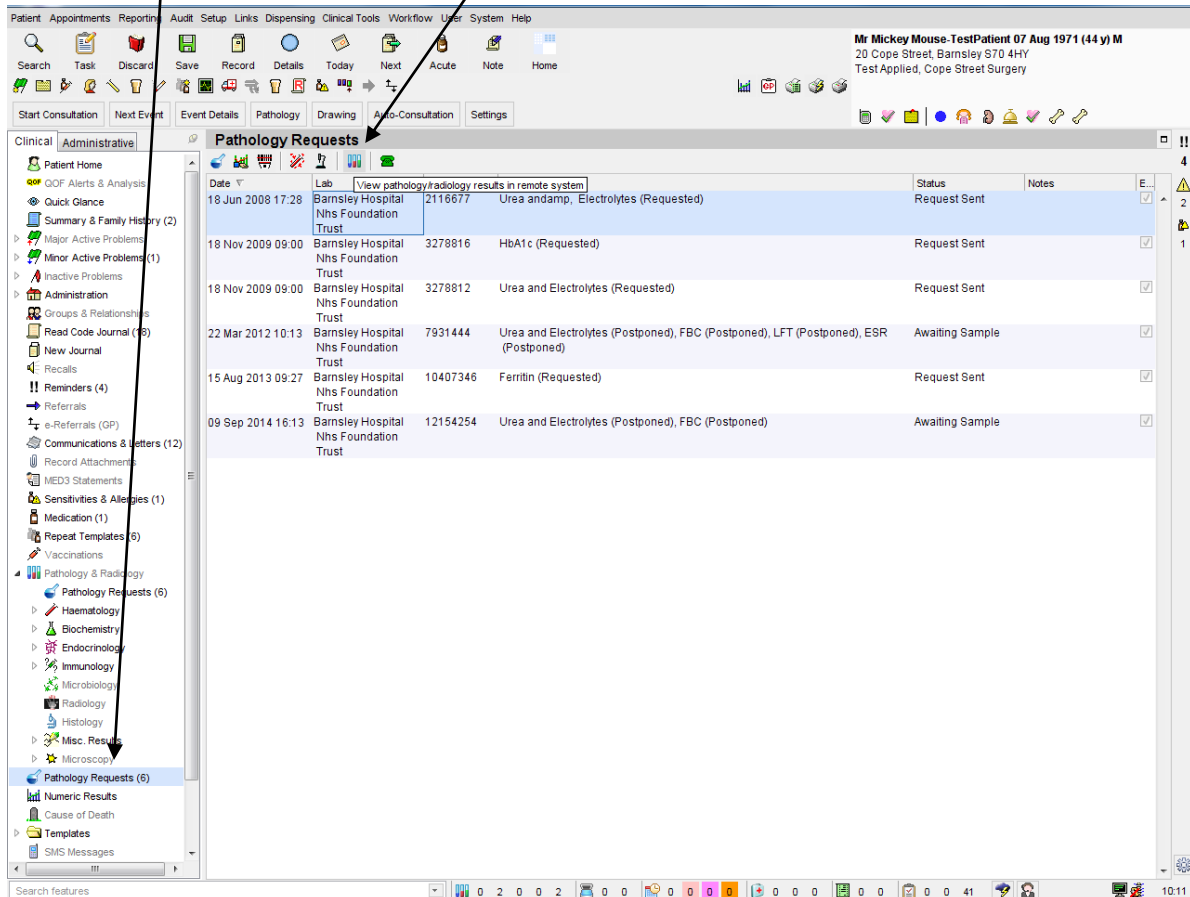
**Under no circumstances reprint a request that is showing status 'SPC' (Specimen Collected) during this procedure as this request has already been used so is not available to use again.**

## To view patient reports

Select the patient on TPP

Select 'Pathology Requests' from the clinical tree.

Click on the test tube picture for 'Pathology Results'.



This will take you from your TPP system and into the ICE reporting module.

A list of all the reports that are available for the selected patient will appear. This will include hospital generated reports as well as GP reports.

You can filter the reports if required by using the filter options at the top of the screen.

Patient Name: **PATIENT TEST** Hospital No.: **123456** [See Case Note Numbers](#) Sex: **Male** << Back PENISTONE GROUP PRACTICE  
 Date of Birth: **16 November 1982** NHS no: **111 111 1111** Address: **12 Gawber Road, Barnsley, South Yorkshire, S75 2EP** Telephone No: Edit Details User: GREENHOFFD

Location: [All locations] Filter by speciality: [All specialties] Clinician: [All clinicians] Show reports up to: 07/12/2007 Show reports from: 02/12/2007 Print last 5 reports. Show All reports

< Earlier reports Later reports >

Investigation	Requested By	Location	Sample Number	Sample Collected	Sample Received	Reported	Status
G.T.T.	DR A STRAFFEN	BIO	H181605	29 Nov 2007 16:49	29 Nov 2007 16:49	29 Nov 2007 16:50	I
Cortisol	DR A STRAFFEN	BIO	H181605	29 Nov 2007 16:49	29 Nov 2007 16:49	29 Nov 2007 16:50	I
Cortisol	DR A STRAFFEN	BIO	H181602	29 Nov 2007 16:46	29 Nov 2007 16:46	29 Nov 2007 16:47	I
Glucose	DR A STRAFFEN	ZUNK	H177756	22 Nov 2007 08:00	22 Nov 2007 09:00	22 Nov 2007 09:12	F
Troponin-I	DR R SHEPHERD	W18	W180335	21 Nov 2007 16:21	21 Nov 2007 16:21	21 Nov 2007 16:42	F
Urea & Electrolytes	DR A STRAFFEN	ZUNK	H176836	15 Nov 2007 14:44	15 Nov 2007 14:44	15 Nov 2007 14:55	I
IL GEM	DR A STRAFFEN	WITU	T181868	13 Nov 2007 17:57	13 Nov 2007 17:58	14 Nov 2007 15:23	F
IL GEM	DR A STRAFFEN	WITU	Z116490	13 Nov 2007 17:57	13 Nov 2007 17:58	14 Nov 2007 15:09	F
IL GEM	DR D HUGHES	CAS	W177845	14 Nov 2007 01:47	14 Nov 2007 01:50	14 Nov 2007 14:35	F
IL GEM	DR D HUGHES	CAS	W177839	14 Nov 2007 00:12	14 Nov 2007 00:15	14 Nov 2007 14:34	F
IL GEM	DR D HUGHES	CAS	T181867	13 Nov 2007 22:15	13 Nov 2007 22:20	14 Nov 2007 14:34	F
IL GEM	DR D HUGHES	CAS	T181865	13 Nov 2007 17:30	13 Nov 2007 17:35	14 Nov 2007 14:32	F
IL GEM	DR D HUGHES	CAS	T181863	13 Nov 2007 11:39	13 Nov 2007 11:40	14 Nov 2007 14:30	F
IL GEM	DR R SHEPHERD	W18	T181833	13 Nov 2007 21:27	13 Nov 2007 21:30	14 Nov 2007 11:37	F
FBC	DR A STRAFFEN	BIO	T171462	16 Oct 2007 13:33	16 Oct 2007 13:33	16 Oct 2007 13:50	F
INR	DR R SHEPHERD	PHARM	H155389	06 Sep 2007 13:55	06 Sep 2007 13:55	06 Sep 2007 13:57	F
Digoxin	RPEN Penistone Registrar 1	PENISTONE GROUP PRACTICE	L107251	06 Jun 2007 11:26	06 Jun 2007 11:31	03 Sep 2007 14:55	F
INR	DR R SHEPHERD	PHARM	M146317	20 Aug 2007 16:18	20 Aug 2007 16:18	20 Aug 2007 16:19	F
Thrombophilia Screen	Unknown	ZUNK	L120503	16 Aug 2007 11:15	16 Aug 2007 15:23	16 Aug 2007 15:23	F
Thrombophilia Screen	Unknown	ZUNK	L120511	16 Aug 2007 11:26	16 Aug 2007 15:23	16 Aug 2007 15:23	F

Abnormal numeric results are highlighted with a red exclamation mark on the left-hand side of the screen.

Double click on a selected report to see the detail.

Patient Name: PATIENT TEST Hospital No.: 123456 [See Case Note Numbers](#) Sex: Male  
 Date of Birth: 16 November 1982 NHS no: 111 111 1111  
 Address: 12 Gawber Road, Barnsley, South Yorkshire, S75 2EP Telephone No: [Edit Del](#)

< > Cumulative Back Print Hide Audit Trail File Move Delete

**Reported** **Specialty** **Location** **Clinician** **Status**  
 14 Nov 2007 15:23 Chemical Pathology WITU DR A STRAFFEN (Chemical Pathology) F

Sample T181868 (BLOOD) Collected 13 Nov 2007 17:57 Received 13 Nov 2007 17:58

**IL GEM**

pH	*	7.27		7.35 - 7.45
pCO2	*	6.5	kPa	4.6 - 6.1
pO2	*	10.8	kPa	12 - 15
Base Deficit	*	4	mmol/L	0 - 2
Standard Bicarb	*	21	mmol/L	23 - 27
Actual Bicarb	*	23	mmol/L	24 - 32
Oxygen Sat'n	*	94	%	95 - 99
Oxygen Status		% Oxygen not stated.	%	
Sodium(blood)		136	mmol/L	136 - 145
Potassium(blood)		4.5	mmol/L	3.5 - 5.1
Glucose(blood)		6.9	mmol/L	
Lactate		2.0	mmol/L	0.67 - 2.47

End of report

Individual numeric indices can be presented in a cumulative format or graphed.  
 Click on an individual test to display: -

Patient Name: PATIENT TEST Hospital No.: 123456 [See Case Note Numbers](#) Sex: Male  
 Date of Birth: 16 November 1982 NHS no: 111 111 1111  
 Address: 12 Gawber Road, Barnsley, South Yorkshire, S75 2EP Telephone No:

< > Cumulative Back Print Hide Audit Trail File Move Delete

**Reported**  
 14 Nov 2007 15:23

Sample T181868 (BLOOD) Collected 13 Nov 2007 17:57 Received 13 Nov 2007 17:58

**IL GEM**

pH pCO2 pO2 Base Deficit Standard Bicarb Actual Bicarb Oxygen Sat'n Oxygen Status Sodium(blood) Potassium(blood) Glucose(blood) Lactate

**IL GEM - pH for Patient TEST -- Web Page Dialog**

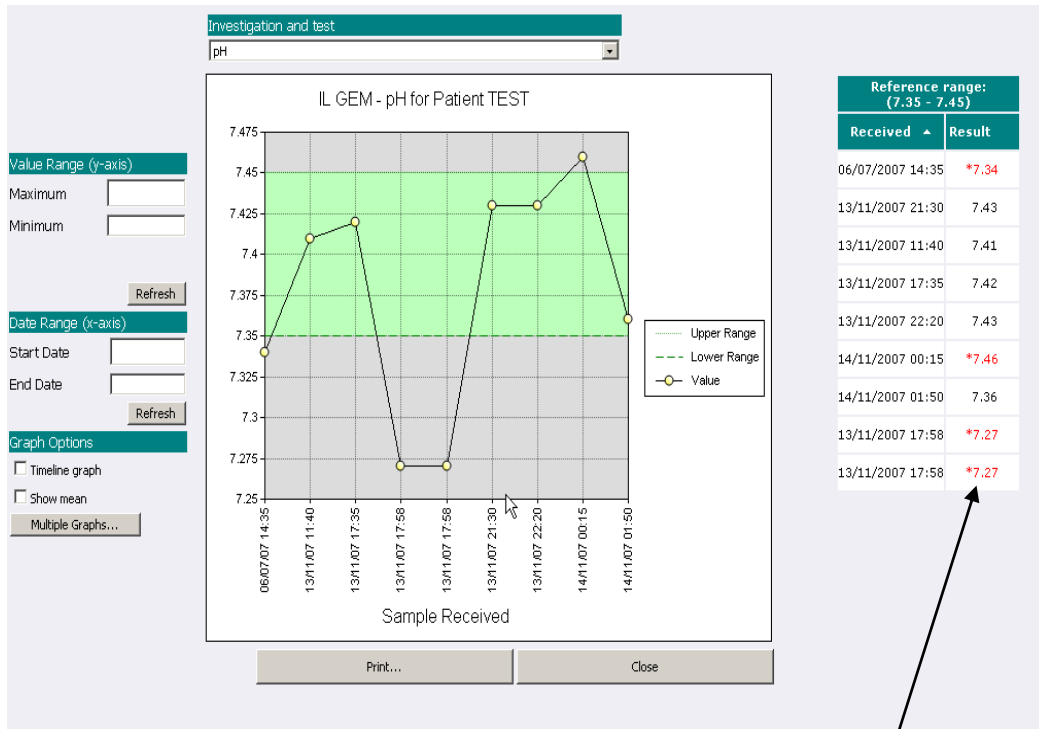
**IL GEM - pH**

Reference range: (7.35 - 7.45)

Sample Received	Sample ID	Value
06 Jul 2007 14:35	Z107471	*7.34
13 Nov 2007 11:40	T181863	7.41
13 Nov 2007 17:35	T181865	7.42
13 Nov 2007 17:58	T181868	*7.27
13 Nov 2007 17:58	Z116490	*7.27
13 Nov 2007 21:30	T181833	7.43
13 Nov 2007 22:20	T181867	7.43
14 Nov 2007 00:15	W177839	*7.46
14 Nov 2007 01:50	W177845	7.36

Graph Print Close

Click on Graph to display



Abnormal numeric results are displayed in red and marked with an asterisk.

The 'Back' button on the options bar will take the user back to the summary view of the reports

Click Cumulative to display: -

Patient Name: PATIENT TEST Hospital No.: 123456 See Case Note Numbers Sex: Male << Back PENISTONE GROUP PRACTICE  
 Date of Birth: 16 November 1982 NHS no: 111 111 1111 Edit Details User: GREENHOFD  
 Address: 12 Gawber Road, Barnsley, South Yorkshire, S75 2EP Telephone No: Match up test results across investigations

< > Cumulative Back Print Profile

**IMPORTANT: This is a summary and may not show comments from the original report(s)**

Investigation/Test	Range	Units	Sample Received						
			22 Nov 2007 09:00	21 Nov 2007 16:21	15 Nov 2007 14:44	14 Nov 2007 01:50	14 Nov 2007 00:15	13 Nov 2007 22:20	
<b>Urea &amp; Electrolytes</b>									
Creatinine	(51 - 96)	umol/L				*107			
EGFR		mL/min/1.73m2			49				
<b>Glucose</b>		mmol/L		4.5					
<b>Troponin-I</b>		ug/L		<0.2					
<b>IL GEM</b>									
pH	(7.35 - 7.45)						7.36	*7.46	7.43
pCO2	(4.6 - 6.1)	kPa					*7.9	5.1	4.9
pO2	(12 - 15)	kPa					12.8	*10.1	*16.3
Base Excess	(0 - 2)	mmol/L					*6	*3	1
Standard Bicarb	(23 - 27)	mmol/L					*29	27	25
Actual Bicarb	(24 - 32)	mmol/L					*33	27	25
Oxygen Sat'n	(95 - 99)	%					97	96	99
Sodium(blood)	(136 - 145)	mmol/L					*134	137	139
Potassium(blood)	(3.5 - 5.1)	mmol/L					4.0	3.7	4.9
Glucose(blood)		mmol/L					8.0	4.8	9.2
Lactate	(0.67 - 2.47)	mmol/L					*0.6	0.7	*0.6

End of report

The < and > arrows will enable the user to navigate both forward and back through the reports chronologically.