



VIEWING PATHOLOGY RESULTS IN ICE (EMIS WEB USERS)

ICE (Integrated Clinical Environment) is an electronic pathology test requesting system designed for the use of GP surgeries.

This demonstration using a dummy patient outlines the process for viewing pathology result in ICE for EMIS web users.

Results for pathology tests that you (or your surgery) have ordered via ICE will be available both in ICE and in EMIS web.

Advantages to using ICE to view results:

- ICE receives pathology results within 10 minutes of clinical approval, whilst it can take several hours for results to file to EMIS web.
- ICE receives all the results from secondary care in addition to the primary care results. This means if your patient has had a recent outpatients appointment or hospital admission, you have the ability to look up their pathology results.

Go to investigations... → ...then patient report list

In EMIS web, go to the record of the patient for whom you wish to view pathology results

EMIS Web Health Care System - Pinhoe && Broadclyst Medical Practice... Workflow Manager

Summary Investigations Care History Diary Documents Referrals Workflow Task

Add Edit Latest Only Descriptive Text Values View View Reports Filter Print CR Config Search Patient Report List Test Requests

Sharing Trend Abnormal Only Collapse All

SCR - 23 Documents - 8 Registration - 194 (4) Tasks - 3 Mail Inbox - 1

New priority Workflow Items received - Registration

Active FRED, Broadclyst (Mr)

Born 14-Mar-1991 (29y) Gender Male EMIS No. 500004 Usual GP BIRD, M E (Dr) OS PROXY

Date Term Value Range Indicator

27-Jan-2020	Peak expiratory flow rate	103 L/min
03-Dec-2019	BODY MASS INDEX	45 kg/m2
13-Sep-2019	O/E - tympanic temperature	38.5 degrees C
15-Aug-2019	SpO2 - oxygen saturation at periphery	93 %
04-Jun-2019	O/E - tachycardia	
15-Oct-2018	Cardiovascular event risk	
15-Oct-2018	Tissue sent for histology	
15-Oct-2018	Capillary refill time	2 s
15-Oct-2018	Heart rate	80 beats/min
01-Oct-2018	Cigarette smoker	15 /day
02-Aug-2017	Alcohol consumption	24 U/week
01-Feb-2017	O/E - weight	75 kg
12-Aug-2016	O/E - height	170 cm
10-Aug-2016	International normalised ratio	14
10-Aug-2016	Abdominal aortic aneurysm screen ultrasound scan abnormal	
10-Aug-2016	Abdominal aortic aneurysm screen ultrasound scan normal	
14-Dec-2015	Oral steroids used since last appointment	1
12-Aug-2015	Predicted peak expiratory flow rate using EN 13826 standard	593 L/min
05-Aug-2015	Best ever peak flow rate	620 L/min
05-Aug-2015	Ideal weight	66.5 kg
08-Jul-2014	Visual testing	

Detailed View

Peak expiratory flow rate

- All data (3)
 - 27-Jan-2020 103 L/min Peak expiratory flow...
 - 02-Aug-2017 300 L/min Peak exp. flow rate...
 - 05-Aug-2015 600 L/min Peak exp. flow rate...

Trend

Details

Value 103 L/min Authorising user HUDSON, Stefan (Mr)

SNOMED CT Show all detail

Peak expiratory flow rate (observable entity)

FRED, Broadclyst (Mr)

- High reliever and/or LABA/LAMA use
- Offer Diabetes UK Information Pre...
- 1st MMR vaccination
- Offer Asthma Management Plan

A new window will appear which opens directly into ICE reports

Patient Name: Mr Broadclyst Fred Hospital Number: ICE362983 Sex: Male
Date of Birth: 14 March 1991 NHS Number: 944 649 9321 Address: 1a The Sun, Broadclyst, Exeter, EX5 3GG Telephone No: 01392555666 View Details User:L83040A1

Powered by ICE

No records found

This test patient does not have any pathology reports, so lets look at a different one...

Patient Name: Ebs-Donotuse Xxtestpatientaaxt Hospital Number: AW27797 [See Case Note Numbers](#) Sex: Female
 Date of Birth: 21 March 1978 NHS Number: 999 009 5876✓ Telephone No:
 Address: 13 Blah Blah Street, Echo Echo Ganges, Yarp, PL6 5YE

[Chiddenbrook Surgery](#) [User:CARRC](#)

Location: [All locations] [\[Clear\]](#) **Show reports up to:** 14/05/2020 [...](#)
Filter by specialty: [All specialties] [...](#) **Show reports from:** 30/04/2020 [...](#)
Requesting Clinician: All Clinicians [...](#) **Show:** All reports [...](#)

Investigation: [Print](#) [Later reports >>>](#)

Search:

Requesting User:

Reports are ordered by the sample collection date/time, with the most recent at the top of the list

	Status	Investigation	Requesting Clinician	Location	Sample Number	Sample Collected	Sample Received	Reported
!	✓	Pneumococcal se...	Dr. M R Braddick	Chiddenbrook Surgery	CH00416/2820J	16 Apr 2020 13:47	16 Apr 2020 13:47	16 Apr 2020 13:51
	✓	F C-reactive prot...	Dr. M R Braddick	Chiddenbrook Surgery	CH00316/2873X	16 Mar 2020 10:26	16 Mar 2020 10:26	16 Mar 2020 18:28
①	✗	F C-reactive prot...	Unknown	EHTCH	CH00316/6218S	16 Mar 2020 14:54	16 Mar 2020 14:54	16 Mar 2020 14:58
②	✗	F C-reactive prot...	Dr. M R Braddick	Chiddenbrook Surgery	CH00316/3325G	16 Mar 2020 14:40	16 Mar 2020 14:40	16 Mar 2020 14:48
③	✓	F Renal Function ...	Dr. E TOY	DIRECTORATE OF CANCER SERVICES	CH00219/0001P	19 Feb 2020 00:00	19 Feb 2020 00:00	19 Feb 2020 10:57
④	✓	F Renal Function ...	Dr. E TOY	DIRECTORATE OF CANCER SERVICES	CH00212/0001K	12 Feb 2020 09:00	12 Feb 2020 09:00	12 Feb 2020 14:14
	✓	F Routine HVS	Dr. M R Braddick	Chiddenbrook Surgery	GP19500010	15 Nov 2019 16:25	15 Nov 2019 16:46	09 Dec 2019 09:45
	✓	F Liquid cult for...	Dr. M R Braddick	Chiddenbrook Surgery	TB19500001	14 Nov 2019 09:14	14 Nov 2019 09:14	07 Dec 2019 15:14
⑤	✓	F C-reactive prot...	Dr. Katherine Ball	Heavitree Practice	CH91126/8021X	26 Nov 2019 09:34	26 Nov 2019 09:34	26 Nov 2019 09:36
	⌚	F Amylase	Dr. Saskia Stanford	Whipton Surgery	CH91120/8024Q	20 Nov 2019 10:03	20 Nov 2019 11:11	21 Nov 2019 20:16
	⌚	F C-reactive prot...	Dr. M R Braddick	Chiddenbrook Surgery	CH91118/8001E	18 Nov 2019 11:32	18 Nov 2019 11:43	21 Nov 2019 20:16
	⌚	F Amylase	Dr. M R Braddick	Chiddenbrook Surgery	CH91119/8004Y	19 Nov 2019 12:23	19 Nov 2019 12:24	20 Nov 2019 18:33
	✓	F Urate	Dr. M R Braddick	Chiddenbrook Surgery	CH91119/8003E	19 Nov 2019 11:51	19 Nov 2019 11:54	20 Nov 2019 18:33
	⌚	F C-reactive prot...	Dr. M R Braddick	Chiddenbrook Surgery	CH91119/8001G	19 Nov 2019 10:06	19 Nov 2019 10:56	20 Nov 2019 18:33
	✓	F Cholesterol, HD...	Dr. M R Braddick	Chiddenbrook Surgery	CH91115/8014C	15 Nov 2019 15:50	15 Nov 2019 15:50	20 Nov 2019 18:33
	✓	F C-reactive prot...	Dr. M R Braddick	Chiddenbrook Surgery	CH91111/8001A	11 Nov 2019 10:47	11 Nov 2019 14:51	20 Nov 2019 18:32
⑥	✓	F Urate, B12 and ...	Dr. Saskia Stanford	Whipton Surgery	CH91120/8048T	20 Nov 2019 11:59	20 Nov 2019 11:59	20 Nov 2019 12:07
	✓	F C-reactive prot...	Dr. M R Braddick	Chiddenbrook Surgery	CH91119/8002N	19 Nov 2019 10:07	19 Nov 2019 10:09	19 Nov 2019 10:14
	✓	F Liquid cult for...	Dr. M R Braddick	Chiddenbrook Surgery	GP19500017	15 Nov 2019 16:25	15 Nov 2019 16:51	15 Nov 2019 17:40
	✓	F ROUTINE MRSA SC...	Dr. M R Braddick	Chiddenbrook Surgery	GP19500024	15 Nov 2019 17:18	15 Nov 2019 17:21	15 Nov 2019 17:27

Reports are colour coordinated based on pathology discipline. Green is Blood Sciences, Blue is Microbiology and Yellow is Cellular Pathology.

Patient Name: Ebs-Donotuse Xxtestpatientaaxt Hospital Number: AW27797 [See Case Note Numbers](#) Sex: Female
 Date of Birth: 21 March 1978 NHS Number: 999 009 5876 
 Address: 13 Blah Blah Street, Echo Echo Ganges, Yarp, PL6 5YE Telephone No:

[!\[\]\(627522788ef5b34c205f4eb2bf07b30d_img.jpg\) Back](#) [View Details](#) Chiddenbrook Surgery User:CARC

Location [Clear]

Filter by specialty [Clear]

Requesting Clinician [Clear]

Show reports up to [Clear]

Show reports from [Clear]

Show [Clear]

Investigation [Clear]

Search
Print
last 5 reports.

<<< Earlier reports
Later reports >>>

Requesting User

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1								Pneumococcal se...	Dr. M R Braddick	Chiddenbrook Surgery	CH00416/2820J	16 Apr 2020 13:47	16 Apr 2020 13:47	16 Apr 2020 13:51
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7								Routine HVS	Dr. M R Braddick	Chiddenbrook Surgery	GP19500010	15 Nov 2019 16:25	15 Nov 2019 16:46	09 Dec 2019 09:45
8								Liquid cult for...	Dr. M R Braddick	Chiddenbrook Surgery	TB19500001	14 Nov 2019 09:14	14 Nov 2019 09:14	07 Dec 2019 15:14
9								C-reactive prot...	Dr. Katherine Ball			26 Nov 2019 09:34	26 Nov 2019 09:34	26 Nov 2019 09:36
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12								Amylase	Dr. M R Braddick			19 Nov 2019 12:23	19 Nov 2019 12:24	20 Nov 2019 18:33
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19								Liquid cult for...	Dr. M R Braddick	Chiddenbrook Surgery	GP19500017	15 Nov 2019 16:25	15 Nov 2019 16:51	15 Nov 2019 17:40
20								ROUTINE MRSA SC...	Dr. M R Braddick	Chiddenbrook Surgery	GP19500024	15 Nov 2019 17:18	15 Nov 2019 17:21	15 Nov 2019 17:27

Left click on a row to view the full report

Patient Name: Ebs-Donotuse Xxtestpatientaaxt Hospital Number: AW27797 [See Case Note Numbers](#)

Date of Birth: 21 March 1978 NHS Number: 999 009 5876 ✓

Address: 13 Blah Blah Street, Echo Echo Ganges, Yarp, PL6 5YE Sex: Female

Telephone No:

< > Back < Cumulative > All Print Hide Audit Trail ICEMail

Reported	Specialty	Location	Clinician	Status
12 Feb 2020 14:14			Dr. E TOY (Not Specified)	F

Sample CH00212/0001K (TYPE UNSPECIFIED)

Renal Function (General)

Sodium	140	mmol/L	133 - 146
Potassium	5.0	mmol/L	3.5 - 5.3
Creatinine	*	umol/L	44 - 80
GFR (calculated)	55	mL/min/1.73sqM	

eGFR calculation assumes a standard surface area of 1.73 m².
In adults, a normal calculated GFR is approximately greater than 90 mL/min/1.73m².

Full Blood Count

Hb	135	g/L	120 - 160
WBC	*	10 ⁹ /L	3.6 - 11.0
Platelets	203	10 ⁹ /L	150 - 400
RBC	*	10 ¹² /L	4.0 - 5.2
HCT	*	1/1	0.36 - 0.46
MCV	88.0	fL	82 - 98
MCH	32.0	pg	27 - 33
MCHC	350	g/L	320 - 357
RDW	*	%	9.9 - 15.5
NEUT	4.50	10 ⁹ /L	1.8 - 7.5
LYMPH	1.20	10 ⁹ /L	1.1 - 3.5
MONO	0.2	10 ⁹ /L	0.2 - 0.8
EOS	0.1	10 ⁹ /L	0.04 - 0.4
BASO	*	10 ⁹ /L	0.02 - 0.1

Prostate Specific Antigen

Prostate Specific Antigen	*	ug/L	0 - 2.5
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This man has a raised age-specific PSA suggesting a possible diagnosis of prostate cancer. The PSA should be repeated after an MSU screen to exclude infection (which could lead to a false positive result). If this is the second elevated result and a urine infection has been excluded, a Urological referral should be considered as clinically appropriate to general state of health.

End of report

The report highlights any abnormal results and displays current units of measurement, normal reference ranges and report comments.

Cumulative View:

Patient Name:	Ebs-Donotuse Xxtestpatientaaxt	Hospital Number:	AW27797 See Case Note Numbers	Sex: Female		Chiddenbrook Surgery			
Date of Birth:	21 March 1978	NHS Number:	999 009 5876	Telephone No:		View Details			
Address:	13 Blah Blah Street, Echo Echo Ganges, Yarp, PL6 5YE					User:CARRC			
Date	<input type="text"/>		 All 	Back	Print	Tests Only View			
<input type="checkbox"/> Match up test results across investigations									
IMPORTANT: This is a numerical summary of results for a sample (UP TO AND INCLUDING the 'Reported' date if shown in the column header). To see the complete information for a specific result you MUST look in the original report(s) or click on the test name									
Investigation/Test	Range	Units	Sample Received	12 Feb 2020 09:00	26 Nov 2019 09:34	20 Nov 2019 11:59	19 Nov 2019 10:07	15 Nov 2019 14:11	15 Nov 2019 11:10
C-reactive protein	(0 - 5)	mg/L		*23			5		
Renal Function (General)									
Sodium	(133 - 146)	mmol/L		140					
Potassium	(3.5 - 5.3)	mmol/L		5.0					
Creatinine	(44 - 80)	umol/L		*123					
GFR (calculated)		ml/min/1.73sqM		55					
Full Blood Count									
Hb	(120 - 160)	g/L		135					
WBC	(3.6 - 11.0)	$10^9/L$		*2.3					
Platelets	(150 - 400)	$10^9/L$		203					
RBC	(4.0 - 5.2)	$10^{12}/L$		*5.40					
HCT	(0.36 - 0.46)	1/1		*0.25					
MCV	(82 - 98)	fL		88.0					
MCH	(27 - 33)	pg		32.0					
MCHC	(320 - 357)	g/l		350					
RDW	(9.9 - 15.5)	%		*18.0					
NEUT	(1.8 - 7.5)	$10^9/L$		4.50					
LYMPH	(1.1 - 3.5)	$10^9/L$		1.20					
MONO	(0.2 - 0.8)	$10^9/L$		0.2					
EOS	(0.04 - 0.4)	$10^9/L$		0.1					
BASO	(0.02 - 0.1)	$10^9/L$		*0.22					
B12 and folate									
B12(serum)	(>180)	ng/L			345				
Folate(serum)	(3.9 - 20.0)	ug/L			*>20.0				
Urate	(140 - 360)	umol/L			145			*450	
Prostate Specific Antigen	(0 - 2.5)	ug/L		*19.8					
24 Hour Urinary Calcium									
24 Hour Urine Volume		L						2.10	
24 Hour Urinary Calcium	(2.5 - 7.5)	mmol/24h						*7.6	
24 Hour Urinary Creatinine		mmol/24h						11.8	
24 Hour Urinary Phosphate	(15 - 50)	mmol/24h						*52.9	
Random Urine Metanephrines									
Creatinine (random urine)		mmol/L						4.5	
Urine Metanephrine/Creat Ratio	(0 - 0.3)	umol/mmol Creat						0.12	
Normetanephrine/Creat Ratio	(0 - 0.35)	umol/mmol Creat						*0.44	
C1 Esterase Inhibitor									
Complement (C3)	(0.9 - 1.8)	g/L						0.95	
Complement (C4)	(0.10 - 0.40)	g/L						0.12	
7 Dehydro Cholesterol	(<2.01)	umol/L						*72	