



Better Communication, Better Care

Healthcare in an online world



1. The rise and rise of connectivity

2. How you are connected matters

**3. Why choose integrated connectivity
.....examples....**



The rise and rise of connectivity

- 2.3 billion internet users
- 550 million web sites (300 in the last 12 months)
- 1 million transactions week (HealthLink)
- Government agencies, Health Providers, Patients
- Medical practices averaging 60 external connections



How you are connected matters

- Simple info access and/or info transfer
- Data integrity (duplication) certainty, security
 Serious consequences
- SEAMLESSNESS in IT is SEXY



Integrated connectivity (seamlessness)

Anything at all

Technical standards (HISO)
Business workflows

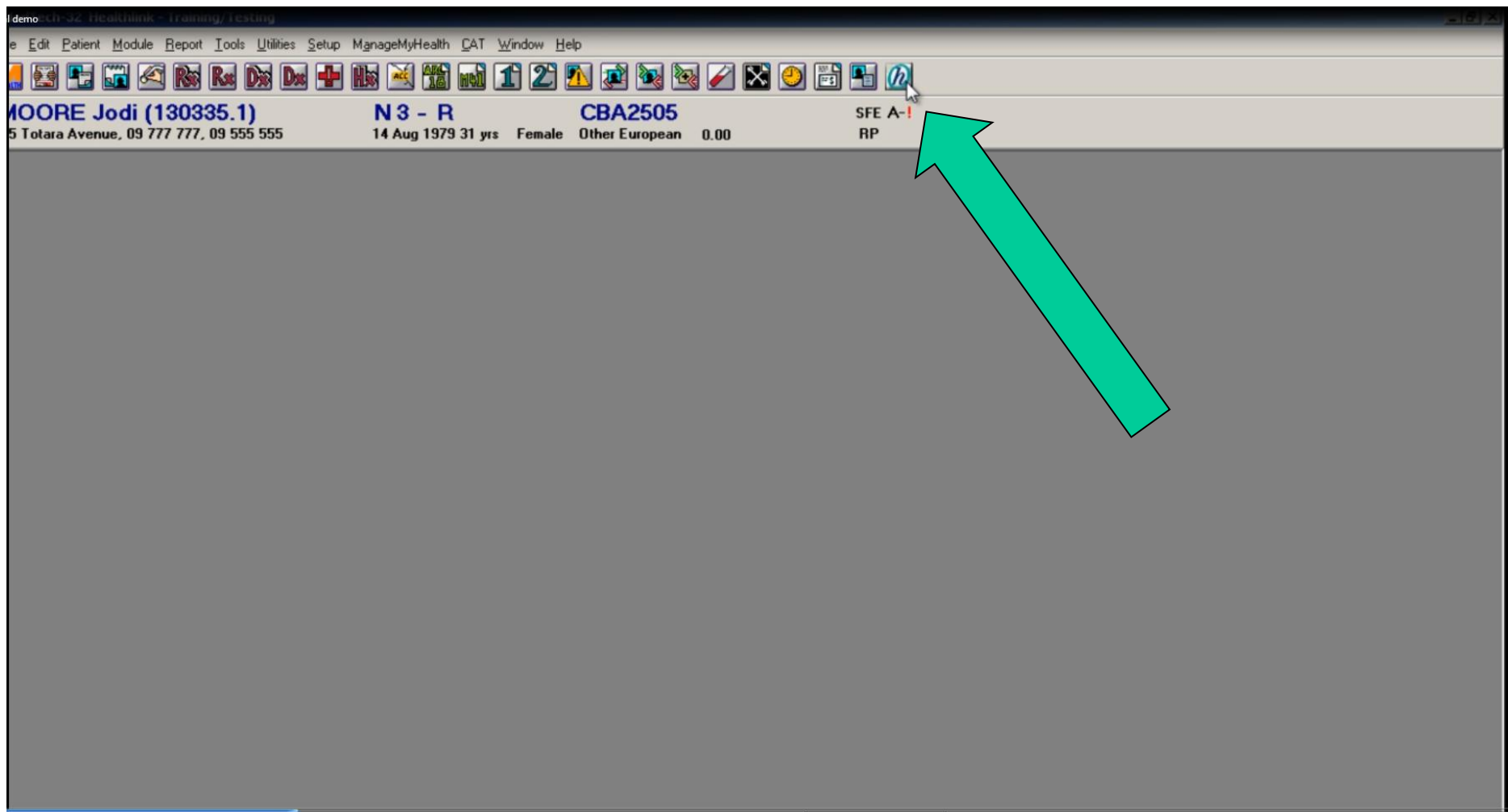
Disparate

Integrated

Duplication
Increased cost
Risk

Leverage
Reduced cost
Peace of mind







MOORE Jodi (130335.1)
45 Totara Avenue, 09 777 777, 09 555 555

N 3 - R
14 Aug 1979 31 yrs Female Other European 0.00

CBA2505
SFE A-!
RP

New HealthLink Forms (HEALTHLINK)

Web | More | Audit |

HealthLink Online



Auckland Region eReferrals

Referral service*

Referred for*

Urgent

Outpatient Appointment
Specialist Advice
Investigation/Test Only
Response to Information Request
Priority Review
Other

☐

- Audiology
- Breast
- Cardiology
- + Dermatology
- Diabetes
- Endocrinology
- Fertility
- + Gastroenterology
- General Medicine
- + General Surgery
- Haematology
- Immunology
- Infectious Diseases
- Neurology
- Ophthalmology

File Edit Patient Module Report Tools Utilities Setup Management Health Link Window Help

MOORE Jodi (130335.1) **N3 - R** **CBA2505** **SFE A-!**
 8 Woodford Avenue, Henderson, 09 777 777, 09 555 55 14 Aug 1979 31 yrs Female Other European 0.00 **RP**

New HealthLink Forms (HEALTHLINK)

Web | More | Audit |

HealthLink Online

Waitemata District Health Board
 Te Wai Awhina

Diabetes Referral for Outpatient Appointment

Submit Preview Park Help

Clinical Information Information Required	Problem Impact	Impact rating*	Nil
	Previously Referred	Has patient been previously referred for this condition?	☐
Attachments / Reports processing ... No files attached	ACC	ACC claim	Not Specified
	DIABETES		
Medications / Warnings processing ...	Reason for referral*	Please Select	
	Diabetes type*	Please Select	Date diagnosed*
Medical History processing ...	Enrolled in chronic care management?	Please Select	
	Main issues*	☐ New diagnosis ☐ Eye issues ☐ Poor control ☐ Foot issues (High risk) ☐ Hypoglycaemia ☐ General education ☐ Nephropathy ☐ Other main issue ☐ CV risk/BP/lipids	
Patient Disabilities processing ...	Blood pressure*	Date measured*	24/05/2011
	Systolic* 140	Diastolic (mm hg)* 77	
Patient Information processing ...	Body measurements*	Date measured*	24/05/2011
	Weight (kg)* 72	Height (cm)* 172	
Administration Details processing ...	BMI* 24.3		
	Cholesterol*	Date measured*	01/02/2011
Referrer Details processing ...			

File Edit Patient Module Report Tools Utilities Setup ManageMyHealth CAT Window Help

MOUSE Mickey (130292.1) A3 - C JDR1234 DU SFE A- BD
12344 Disney Land, 112233445, 234234 01 Jan 1945 66 yrs Male European/Pakeha 10.00 BD

New HealthLink eLab (HealthLink)

Web More Audit

AOTEA PATHOLOGY Patient MICKEY MOUSE, JDR1234

Send test Laboratory Aotea Pathology News Profile [New profile]

REQUISITION: BIOCHEMISTRY: FORM VIEW PAGE 1

[More tests](#) [Remove tests](#) [Next](#)

- BIOCHEMISTRY	- DIABETES	- NATAL (CONTINUED)	- MICROBIOLOGY (CONTINUED)
Creatinine (short name) ☐	Glucose 3.05 ☐	AN2 ☐	UROGENITAL Swabs 14.18 ☐
Free T4 ☐	G.T.T. 17.47 ☐	AN2 with HIV ☐	UROGENITAL Chlamydia 17.00 ☐
LFT ☐	- DRUGS	- IMMUNOLOGY	SWABS Throat ☐
Lipids Fasting ☐	Dilantin 10.11 ☐	Hep A Immunity (IgG) ☐	SWABS Skin/wound ☐
Bilirubin ☐	Tegretol 10.11 ☐	Hep A Diagnosis (IgM) ☐	SWABS EAR ☐
Electrolytes ☐	- SKIN PRICK TEST	Hep B Immunity ☐	FAECES: Pathogens bacteria 14.89 ☐
Hb A1c (SHORT) ☐	Asthma/Rhinitis 26.30 ☐	Hep B Diagnosis ☐	FAECES: Occult Blood 6.06 ☐
Lithium ☐	Eczema/General 26.30 ☐	Hep C ☐	EYE SWAB ☐
TSH ☐	Acute Food Allergy 26.30 ☐	HIV ☐	FAECES: Giardia ☐
LH ☐	- HAEMATOLOGY	Syphilis ☐	FAECES: Parasites ☐
Test ☐	CBC ☐	CRP ☐	FAECES: Parasites ☐
Liver Enzymes - ALT ☐	INR ☐	Rheumatoid Factors ☐	Mycology 19.08 ☐
Uric Acid ☐	Lupus Screen ☐	CMV ☐	Sputum Bacteria non TB ☐
Electrophoresis ☐	D-DIMER ☐	Toxo ☐	Semen Post vasectomy 13.24 ☐
HIV ☐	Coagulation screen ☐	Rubella - Immunity (IgG) ☐	Blood culture (each) 26.25 ☐
Troponin T ☐	EBV ☐	Rubella acute (IgM) ☐	Aspirate 14.26 ☐
FSH ☐	Fe IBC 6.70 ☐	ABO/Rh group ☐	
✓ Gestational - GTT ☐			



HEALTHCARE PROVIDERS

Medical and Injury Centre
Parkvale Pharmacy

Each provider is notified that a patient record has been pulled from their system, describing the record and the requesting medical practitioner.

PATIENT DETAILS

Mrs Mini Mouse
(LJY3553)

Gender
Female
DOB
21/2/1950
Phone
021 415 487
Address
17 Corinthian Drive
Albany
Auckland
Provider
Dr Lynn Taylor

IMMUNISATIONS

WHENIMM	IMMS
3/2/2011 1:10:48 pm	flu cardiovascular
3/11/2010 11:28:33 am	flu respiratory
3/15/2007 11:00:28 am	flu respiratory
4/4/2006 11:00:26 am	flu respiratory

DISEASE AND CLASSIFICATIONS

Pages: 1 2 3 4 5 6 7 8 9 10

Classification Date	HTL	Date Onset	READCODE	Classification
3/7/2011 12:40:03 pm	0		n12c.00	disc prolapse + radi
3/2/2011 9:45:05 am	0		65e.00	influenza vaccination
3/2/2011 9:43:11 am	0		h060.00	acute bronchitis
2/21/2011 10:57:20 am	0		h060.00	acute bronchitis
2/2/2011 10:36:32 am	0		@zpsc.30	smoking cess behaviour su

In a second, Care Insight retrieves the patients' medical record from each of the practices and pharmacies, and displays key clinical information to the requesting practitioner.

PRESCRIPTIONS

Pages: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

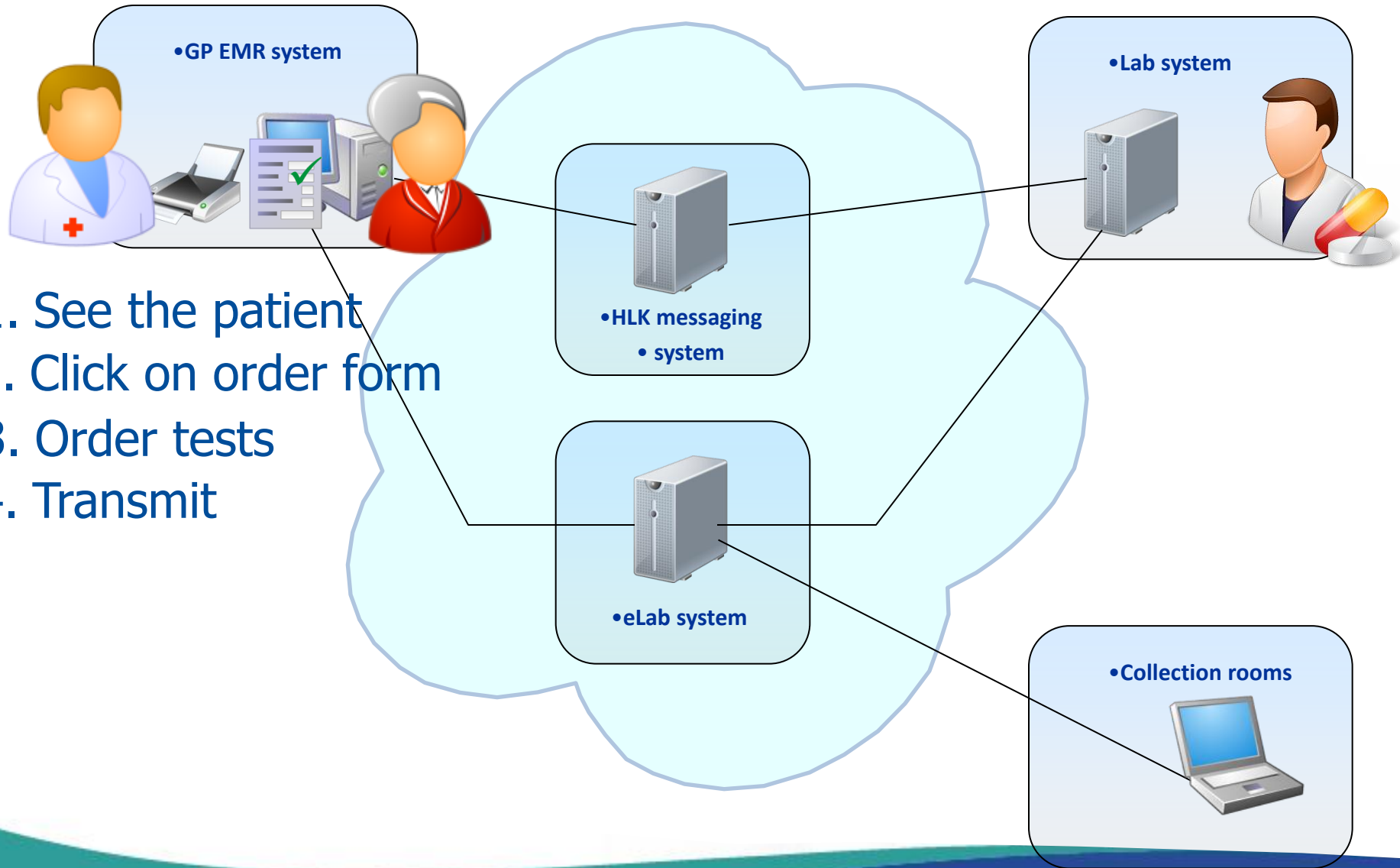
[Show all](#) [Next](#)

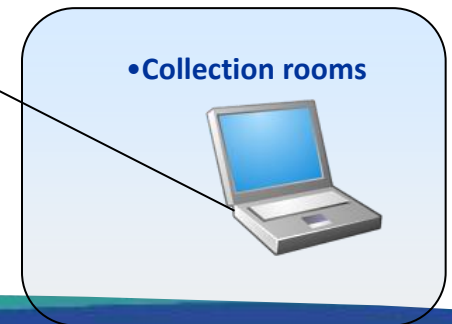
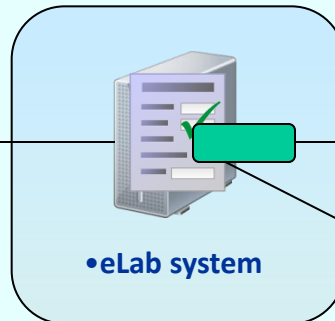
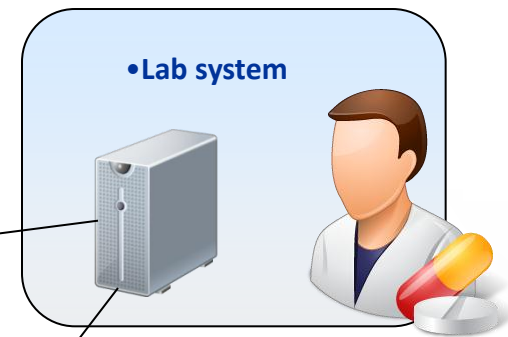
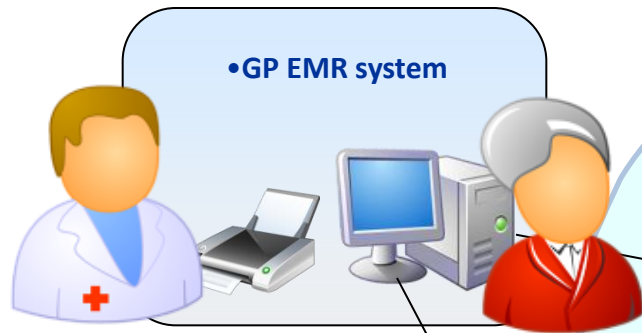
RXDATE	DRUG	PRESENTATION	ONGOING	QTY	SIGS	REPEATRX
3/16/2011 1:06:16 pm	imovane (zopiclone)	7.5mg tab			2 tabs nocte	0
3/2/2011 9:45:19 am	arrow roxithromycin (roxithromycin)	150mg tab		14	1 tabs twice daily	0
3/2/2011 9:44:29 am	nitrolingual pumpspray (glyceryl trinitrate)	400mcg/1dose sublingual spray 250doses			1 mls as required	0
3/2/2011 9:43:26 am	apo-prednisone (prednisone)	20mg tab		10	2 tabs once daily for 2 days then reduce by 5 mg every 3 days till base line 5 mg reached. dispense 5mg tabs for this purpose	0
2/26/2011 10:12:44 am	arrow roxithromycin (roxithromycin)	150mg tab		14	1 tabs twice daily	0

Integrated connectivity (seamlessness)

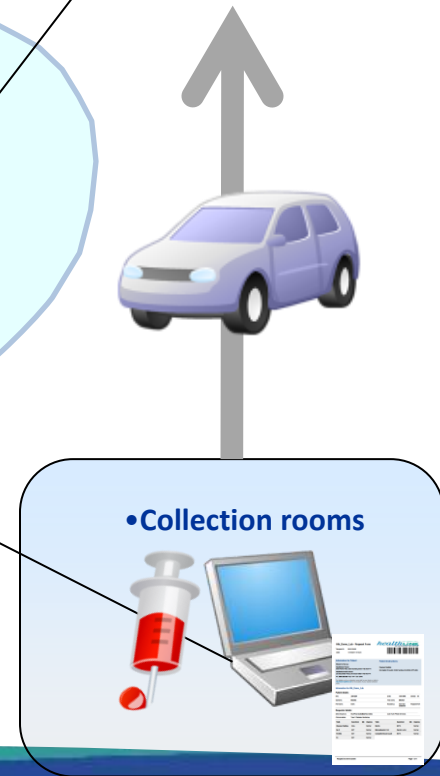
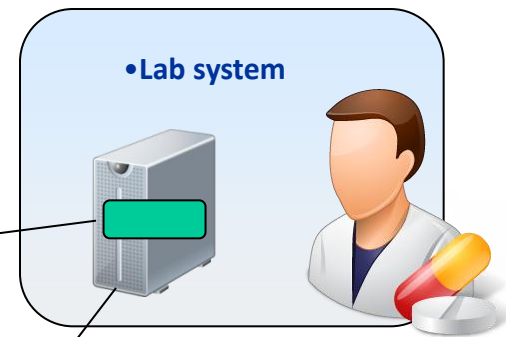
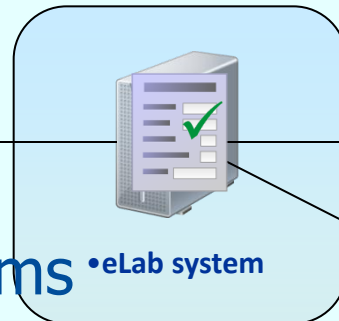
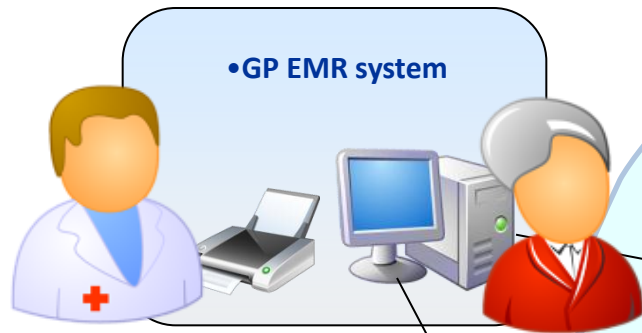


eLab (test ordering)

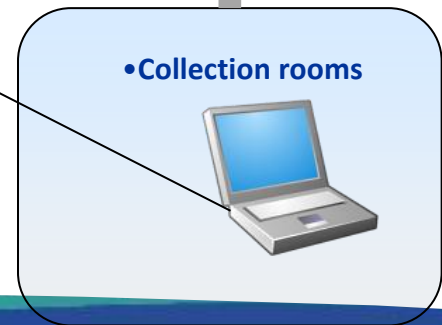
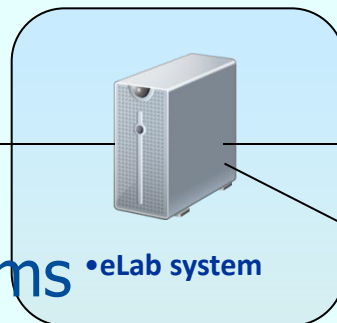
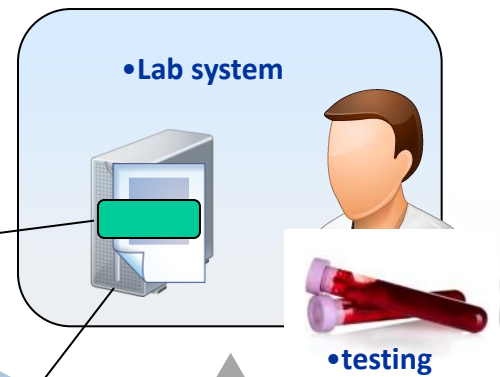




1. See the patient
2. Click on order form
3. Order tests
4. Transmit
5. Order lodgement



1. See the patient
2. Click on order form
3. Order tests
4. Transmit
5. Order lodgement
6. Patient to collection rooms
7. Printout
8. Blood sample(s)



1. See the patient
2. Click on order form
3. Order tests
4. Transmit
5. Order lodgement
6. Patient to collection rooms
7. Printout
8. Blood sample(s)
9. Results



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