

Administrando la industria de la salud sin uso del papel

Miguel Zubizarreta-Ada

¿Qué es Hyland?

Hyland Software, Inc.

- Creadores de OnBase®
 - Administración de Contenido Empresarial (ECM) Software
- Compañía fundada en 1991
- Con más de 1.200 empleados
- Más de 10.000 clientes
- El sector Salud representa el 38% de nuestro mercado
- 1.200 clientes en el sector salud





■ Equipos médicos

- Enfermeras licenciadas (RN, por sus siglas en inglés), Enfermeras profesionales licenciadas (LPN, por sus siglas en inglés)
- Administradores Registrados de Información de Salud (RHIA, por sus siglas en inglés)
- Más de 14 años de experiencia en el rubro de la salud

■ Equipos administrativos

- Contadores Públicos Certificados
- Mejora en el proceso comercial - Cuentas por Pagar, Cuentas por Cobrar, Recursos Humanos, Departamento Legal, etc.
- Gobierno, Soluciones para Riesgo y Cumplimiento Normativo – SOX, ISO, Administración de Riesgos, etc.

■ Equipos de soporte técnico dedicados

■ Enfoque Internacional

- Inglaterra, Canada, Dinamarca, México, Ecuador y Brasil.

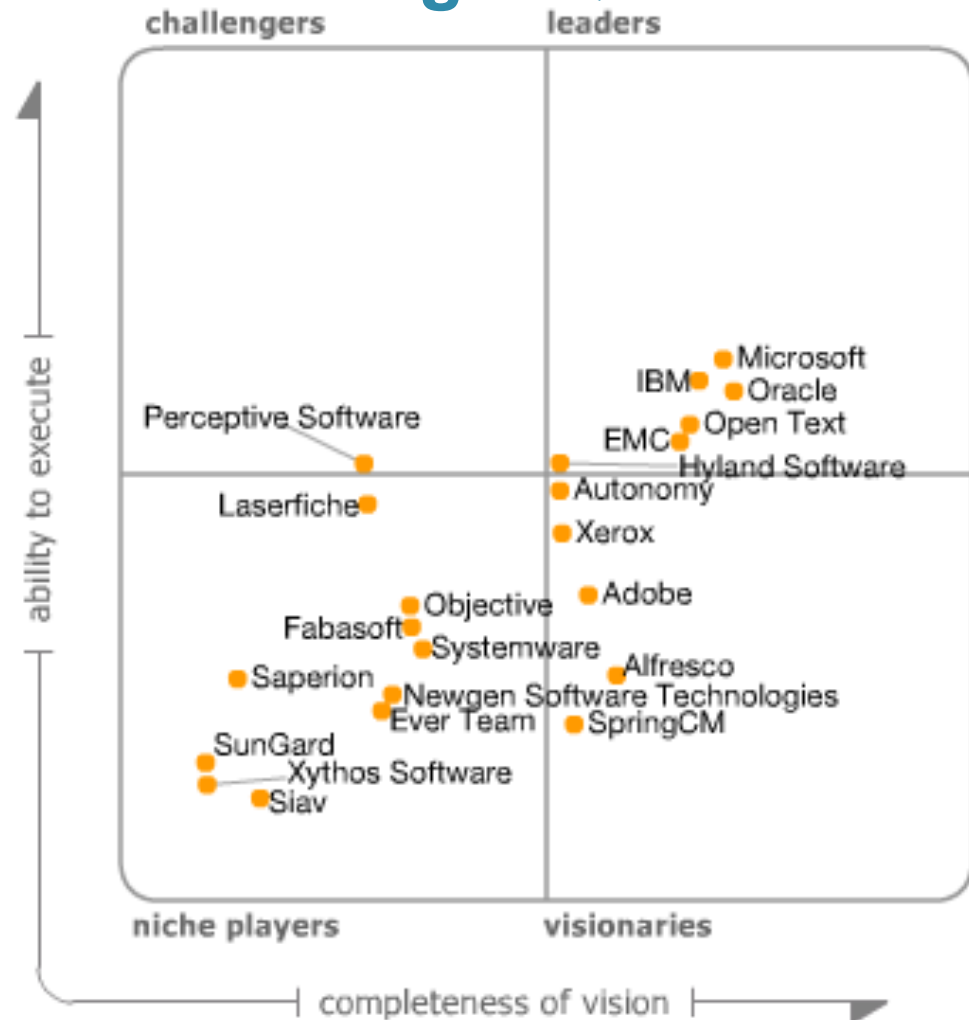
Clientes

OnBase Client

	<u>Location</u>	<u>Hosp</u>	<u>Clinics</u>
The Cleveland Clinic Health System	Cleveland, OH	12	40
Sharp Healthcare	San Diego, CA	6	23
Allina Health System	Minneapolis, MN	11	65
HCA	Nashville, TN	182	2000+
The Scarborough Hospital	Scarborough, Ontario	22	76
Sutter Health	San Francisco, CA	33	120
NYU Langone Medical Center	New York, NY	5	43
Seattle Children's Hospital	Seattle, WA	1	4
University of Wisconsin Health System	Madison, WI	1	22
Odense University Hospital	Odense, Denmark	2	32
Duke University Health System	Durham, NC	3	24
Vanderbilt University Medical Center	Nashville, TN	1	18



Gartner's Magic Quadrant for ECM



As of November 2010

Healthcare Focus—More Than Just ECM Fundamentals

2-5 Medical records management

	EMC	Hyland	IBM	Kofax	Knowledge-Lake	Laserfiche	OpenText	Oracle	Perceptive
Number of installations									
High-volume installations									
Industry/process features									
Integration (medical info systems)									
Installation efficiency									

October 20, 2008

Use ECM To Fire Up Business Processes

An Assessment Of Imaging Support Of Common Business Processes

by Craig Le Clair and Sheri McLeish

Innovando los hospitales

Ideas y Hechos Fundamentales

- Se da por hecho que cada hospital desea ya no depender del uso de papel
- Todos los hospitales tiene algo que escanear
- Existen distintas formas de lograr el éxito.
- No existe una sola respuesta correcta.
- Existen muchos problemas para evitar o enfrentar.
- Es totalmente posible.
- El registro de Hyland es 1535-1

En miras a procesos sin papel - Implementación

Problema complejo

- Respuesta sencilla – Escaneo de documentos
- Enfoque gradual vs. empresarial
- Centrado en ubicación
- Centrado en departamentos

Caso de estudio

Cleveland Clinic

- 10 Hospitales

- 22 Clínicas

- 22 Grupos de práctica

- Se empezó con la digitalización de los registros médicos de las salas de emergencia en todos los 10 hospitales.

 - Se implementó un hospital por mes

A yellow folder is shown on the left side of the image. A small white rectangular piece of paper is clipped to the top left corner of the folder with a silver paperclip. A larger white rectangular sticky note is attached to the front of the folder, tilted at an angle. The sticky note has the text "What is ECM?" written in a light blue, cursive-style font.

What is
ECM?

A stack of white papers is shown on the right side of the image. A black binder clip is clipped to the top edge of the stack. The top sheet of paper has the text "More Than Paperless" printed in a bold, black, sans-serif font. To the right of the stack, several colorful tabs (pink, orange, yellow) are visible, suggesting a binder or a set of index cards.

More Than
Paperless

ECM vs. Digitalización de Documentos

- Fuentes de datos
 - Papel escaneado
 - Informes en Word
 - EDI, FAX, Transcripciones
- Fuentes de datos clínicos
 - Electrocardiograma
 - Ultrasonido
 - Cámaras
 - Endoscopia
 - **Dispositivo Olympus CV – 180**
 - Vista previa de imagen, aplicación de metadatos, importación a OnBase

Fuentes de datos



**Blueprints
& Photos**



**Paper Documents
& Files**



Mail



**Enterprise
Applications**



**Graphics,
Video, &
Audio**



Fax



Electronic Documents

OnBase[®]

a Hyland Software solution



**Health Level
Seven**



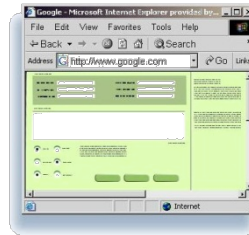
Email



Print Output



Reports



Forms



XML & Meta Data



Web Pages

Scan Method:

Twain



Scan Source:

WIA-M550 Digital Camera



Scan Format:

Digital Camera



Start Scanning

Digital Camera

Document Type:

9097 Doc Type

Document

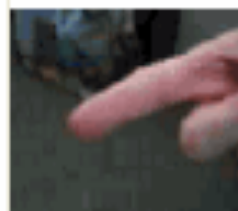
Exit Scan Server

Get Pictures from M550 Digital Camera

Which pictures do you want to copy?

Select the picture or pictures and click on "Get Pictures." To copy multiple pictures, hold the Shift or Control keys while selecting.

Thumbnails Detail Select All Delete



You can also:

[View picture information](#)

Get Pictures

Cancel

Image Viewing Feature

Scroll through
images and navigate
program
simultaneously

ALERT™ Prenatal Reporting System - [Exam]

File Edit View Exam Markers Tools Windows Help

Fetus History & Physical Exam Detail Indications Procedures Antenatal Tests Sonograms US Data Comments Genetic Sonogram

Exam Date: 11/07/2006 Visit#: 2 Location: Main Location

Accession#: Account#: Interesting Study:

LMP: 06/15/2005 LMP Uncertain EGA by LMP: 20 5/7

Conception Date: EGA by Conception:

EDD: 03/24/2006 EGA by EDD: 20 3/7

Assigned EGA: 20 3/7 calculated by US Prior EGA

Fetuses: 1 Gravity: Fullterm: Preterm: Ab's: Living: Ec

Interpreting Physician 1: Dr. Regis Phibin Select

Interpreting Physician 2: Select

Sonographer 1: Ben Scolins, RDMS Sonographer 2:

Pregnancy Test Type: None Urine Serum

Exam Type: 1st Trimester 2nd/3rd Trimester Survey Antenatal Testing Only Fetal Echo Only Genetic

Patient: Linda Alexander DOB: 01/23/1978 MFM: 12345 Exam Date: 11/07/2006 Fet

Sonograms Toolbar

20mm Tube
Transverse Image
Image 21

20mm Tube
Transverse Image
stomach (modified copy 1)

20mm Tube
Transverse Image
stomach (modified copy)

Patient Name: Linda AlexanderMRN: 12345Exam Date: 12/20/2006

Image 1



Image 5

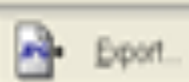


Image 12

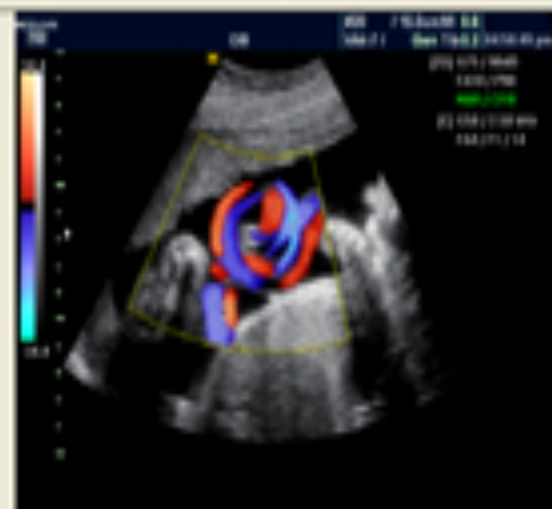


Image 13

Sonogram
Clipboard



**Side-by-Side
Comparison**
Simultaneously view
current image with
previous exam image



Area Gastrointestinal: Captura y generación de informes

- **Captura de imágenes gastrointestinales y datos clínicos**
- **Creación de informes detallados sobre procedimientos gastrointestinales**
- **Beneficios**
 - **Simplificar informes médicos**
 - **Informes de alta calidad, detallados y sujeto a las normas**
 - **Comunicación via HL7 con sistemas programados de facturación y EMR**

El Papel

- Es de uso sencillo
- Fácil de marcar

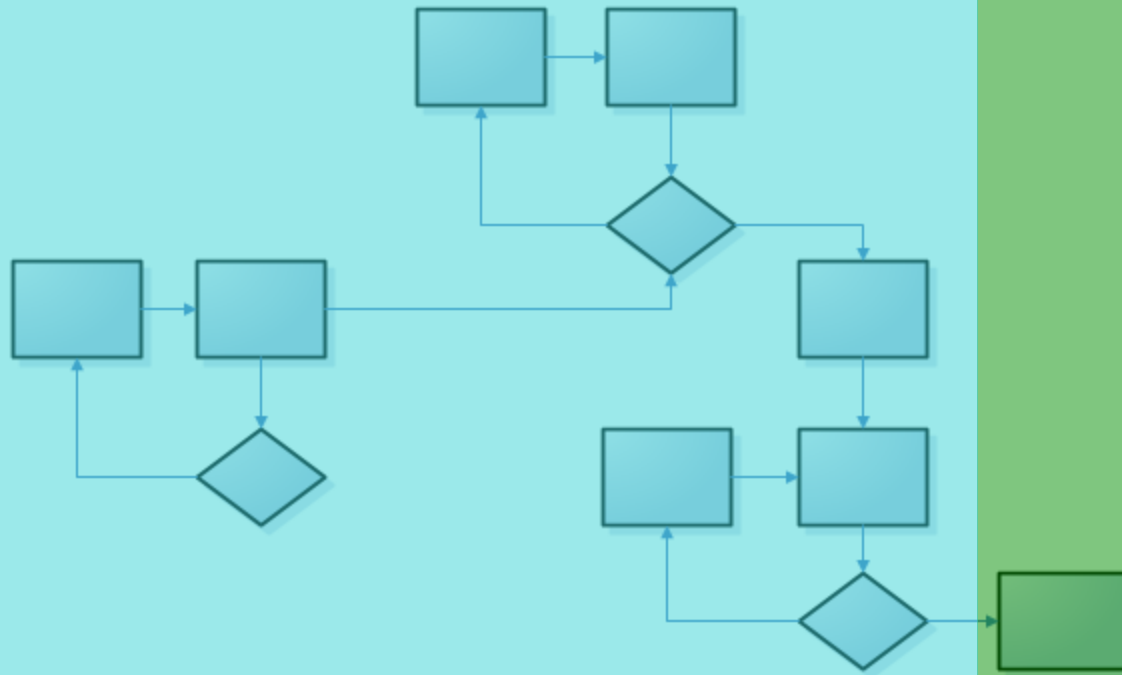
Tecnologías para remplazar el papel

- Impresora virtual
- Formulario electrónico

Decisiones importantes

- Cuando se digitaliza el papel

¿Cuándo debe capturarse el documento?



Basado en papel
Proceso

Electrónico
Proceso

Admisión de pacientes

- Captura integrada de documentos
- Captura integrada de faxes
- Con capacidad de impresión virtual
- Formulario electrónico
 - Soporte en múltiples lenguajes
 - Plantillas dinámicas
- Integrado con PAS
 - Aplicaciones ADT heredadas

REPUBLIC OF SINGAPORE
PIN/Code



ID #
Full Name
Date of Birth
Nationality
Issued
Expires

Sex

Advance Beneficiary Notice (CMS-R-131-G) For General Use

Patient's Name:

Medicare # (HICN):

ADVANCE BENEFICIARY NOTICE (ABN)

NOTE: You need to make a choice about receiving these health care items or services.

We expect that Medicare will not pay for the item(s) or service(s) that are described below. Medicare does not pay for all of your health care costs. Medicare only pays for covered items and services when Medicare rules are met. The fact that Medicare may not pay for a particular item or service does not mean that you should not receive it. There may be a good reason your doctor recommended it. Right now, in your case, Medicare probably will not pay for –

Items or Services:

Because:

The purpose of this form is to help you make an informed choice about whether or not you want to receive these items or services, knowing that you might have to pay for them yourself. Before you make a decision about your options, you should read this entire notice carefully.

- Ask us to explain, if you don't understand why Medicare probably won't pay.
- Ask us how much these items or services will cost you (Estimated Cost: \$ _____), in case you have to pay for them yourself or through other insurance.

PLEASE CHOOSE ONE OPTION. CHECK ONE BOX. SIGN & DATE YOUR CHOICE.

☐ **Option 1. YES.** I want to receive these items or services. I understand that Medicare will not decide whether to pay unless I receive these items or services. Please submit my claim to Medicare. I understand that you may bill me for items or services and that I may have to pay the bill while Medicare is making its decision. If Medicare does pay, you will refund to me any payments I made to you that are due to me. If Medicare denies payment, I agree to be personally and fully responsible for payment. That is, I will pay personally, either out of pocket or through any other insurance that I have. I understand I can appeal Medicare's decision.

☐ **Option 2. NO.** I have decided not to receive these items or services. I will not receive these items or services. I understand that you will not be able to submit a claim to Medicare and that I will not be able to appeal your opinion that Medicare won't pay.

Date

Signature of patient or person acting on patient's behalf

NOTE: Your health information will be kept confidential. Any information that we collect about you on this form will be kept confidential in our offices. If a claim is submitted to Medicare, your health information on this form may be shared with Medicare. Your health information which Medicare sees will be kept confidential by Medicare.

OMB Approval No. 0938-0566 Form No. CMS-R-131-G (June 2002)

Adams, John

Adams, John

M, 43 yrs, I

MRN: 2008... Patient ... Primary Ins.: No... PCP: TAPESTRY, GENERAL EXTERNAL PROVIDER

Datasets:

Patient First Name	Patient Last Name	Patient Account #
John	Adams	11111

Keyword	Value
Patient First Name:	John
Patient Last Name:	Adams
Patient Account #:	11111
Medical Record #:	12150509
Social Security Numb...	333-27-1978
Address:	5023 Beech Ave.
City:	Brooklyn
State:	OH
Zip Code:	44144
Admit Physician:	Tim Tegeder
Language:	ENGLISH

Document date: 5/24/2011

Delete Page

Clear

Store images as:

Scan Patient ID	 Patient ID (simplex)
Scan Insurance Card	 Insurance Card (duplex) [0]
Insurance Verification	 Insurance Verification
Create Registration Form	 Registration Form
Create and Print Acknowledgement	 HIPAA Acknowledgement
Create and Print Notice	 Message from Medicare
Create Patient Face Sheet (E-Form)	 Patient Face Sheet (E-Form)
Scan Miscellaneous Documents	 Miscellaneous Document [0]

Upload Images

Discard Images



OnCare

Health Services

John Adams

Name

10/30/1836

Birthdate

11111-12150509

Policy Number

Hyland Software

Group Name

www.OnCare.com/mypolicy

1.800.555.6247

Document	Pages	Date	Pending
Patient ID for JOHN ADAMS - Acct#: 11111	2	1/19/2011	No
Patient ID for JOHN ADAMS - Acct#: 11111	1	3/1/2010	No
Insurance Card for JOHN ADAMS - Acct#: 11111	1	3/1/2010	No
HIPAA Acknowledgement for JOHN ADAMS - Acct#: 11111	2	2/4/2007	No
Patient Face Sheet (Eform) for JOHN ADAMS - Acct#: 11111	1	1/31/2007	No

Ready to scan

Page 1 of 1

NUM

sh

Registro – Seguros

Relacionado a cobertura de seguro:

- Cuando se sacan copias de las tarjetas de identificación y de seguro en una habitación distinta, los pacientes empiezan a preocuparse acerca de robo de identidad.
- Tener copias impresas de las tarjetas de identificación y de seguro es un ejercicio redundante si éstas escaneadas
- Las tarjetas de seguro tienen letras pequeñas, colores oscuros, y no siempre producen copias legibles.

Registro - Importante y complejo

Papel:

- Los documentos en papel se pierden.
- El papel puede ser colocado en la historia clínica equivocada.
- Elimine el uso de cajas llenas de papeles - 91 cajas producidas en un mes

Equipo:

- El diseño de impresora, copiadora, escáner, y fax es ineficiente.
- La impresora tiene problemas para imprimir los nombres de los pacientes.

Registration - Feedback is the Key

Insights

Registration can be very process intensive--copying, printing and signing. Multifunctional equipment ideal for registration

“I would like three-in-one devices such as copier, scanner, and printer.”

Paperless registration considered very appealing.

- More efficient
- Less paper

“A Face Sheet should be an electronic document.”

“We should have desk scanners to eliminate paper.”

Many opportunities to capture information electronically and eliminate need for copies.

- Scan ID and Insurance Card
- Use electronic signature for HIPAA compliance

“Need electronic signatures for patients who do not feel good - signature is difficult.”

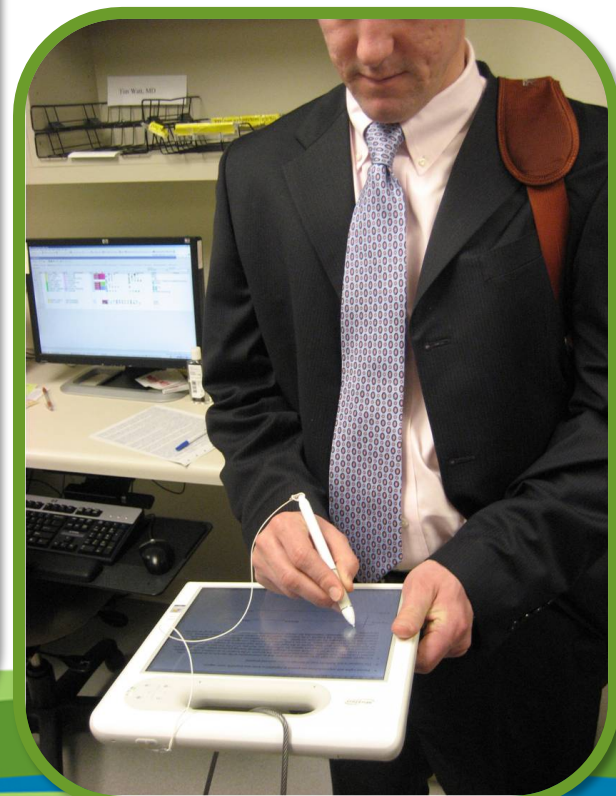
“Should have electronic signature device like FedEx”

Expediting insurance verification perceived benefit.

“Insurance verification should be via internet, not fax or phone.”

Consultoría

- Análisis del área de trabajo
- Análisis de procesos
- Muéstrese listo a comprar aquel monitor extra, de cara al cliente.
- Para algunas organizaciones esto significa una "pantalla táctil" con mayor significado y valor.



Captura y acceso de documentos en un escenario hipotético de cuidado médico

*ED · Paciente interno · Cuidado ambulatorio · Cuidado
permanente*

Acceso a los documentos

El objetivo es otorgar soluciones integradas para mejorar la eficiencia.

- Acceso sin problemas desde el ERM
 - (EPIC , Cerner, Allscripts/Eclipsis)

Home
 Patient Lists
 Patient Station
 Today's Pts
 Census Logs
 Quick Assignment
 My Reports
 In Basket
 Labor and Delivery

Cyclefour, Ju
 Cyclefour, Jub

Chart Review
 Results Review
 Allergies

Ch
 En
 Fi

DBASE, MOTHERONE MRN - 500000852 - Microsoft Internet Explorer provided by Enders-Sinai
 http://ohiohospitals.cmc.edu/OnlineWeb/obzprophileapp.aspx

Previous Results
 Next Results
 Options

Priority (3)	Document Name	Admit/Visit Date	MRN	Encounter Number	Status
	ONBASE, TWO MRN - 500000852	9/2/2010 12:43:00 PM	500000852	59100003250	VERIFIED
STAT	ONBASE, MOTHERONE MRN - 500000852	9/2/2010 12:43:00 PM	500000852	59100003250	RECEIVED
STAT	ONBASE, MOTHERONE MRN - 500000852	9/2/2010 12:43:00 PM	500000852	59100003250	RECEIVED

200-319-570/2910-934-9665
 ONBASE, BB MOTHERONE
 M, 10/7/2010, E 10/7/2010
 ADAMS, CAMERON R
 ADAMS, CAMERON R
 NEW

CENTER.
VICES

ANESTHESIA ORDERS
POST PROCEDURE / OPERATIVE
for PACU only

200-319-569/
 ONBASE, MOTHERONE
 F, 10/7/1978, E 10/7/2010
 ADAMS, CAMERON R
 ADAMS, CAMERON R
 OBV

PATIENT I.D.

1. **Oxygen Therapy:**
☐ Nasal Cannula ☐ Mask ☐ T-piece Oxygen @ _____ L / min or _____ %
☐ Pulse oximetry. Call M.D. if SaO₂ less than _____ %
☐ Discharge from PACU with continuous O₂ @ _____ L / min. by _____
☐ Ventilator settings: Mode: _____ vt _____ cc. Rate _____ / min. FiO₂ _____ % PEEP _____
☐ Weaning orders: _____

2. **IV Therapy:** _____

3. **Cardioactive / Vasoactive Medications:**
☐ **Atropine** _____ mg IVP if pulse less than _____ / min.
 Repeat the dosage every _____ min. PRN pulse rate less than _____ / min.
☐ **Lidocaine** _____ mg IVP if PVC's greater than _____ / min.

Keywords
 Encounter Number 59100003250
 Gender F
 Status RECEIVED

Page 1

Age: 73 years

Sex: Female

Loc: MMI; 557; 1

Allergies: codeine

http://127.0.0.1/?fromLogin=true&context=ChartPop&contextFramePage=%2fMainFrameset%2fContextFra - Windows Internet Explorer

OnBase Chart Pop Dr. Tim Tegeder

Chart Documents:

- Ambulance Report**
 - Ambulance Report for JOHN ADAMS, MRN # 12150509
- Emergency Room Form**
 - Emergency Room Form for JOHN ADAMS, MRN # 12150509
- ER Chart**
 - ER Chart for JOHN ADAMS, MRN # 12150509

Demographics:

Patient Name : Adams, John
 Facility : Hyland Hospital - Cleveland
 Account # : 11111
 Department : Emergency
 Admit Type : Emergency Dept
 Admit Date : 01/17/2007
 Discharge Date : 03/15/2007
 Service Type :
 Disposition : 0
 Total Charges : 0
 Financial Class :

AMBULANCE REPORT

Date Incident Reported 2/12/06	Service Name and ID No. Schwinn Ambulance	Responding Unit 117	Station Montgomery	Patient Care Record / Alarm No. 6/1207
Incident Address / Location 2 Quincy Drive	Incident Municipality Bainbridge	Incident County Cuyahoga	Destination Address / Facility Name Hyland Hospital	Destination Municipality Cleveland
Destination County Cuyahoga	Crash Report No.			

RESPONSE

Message (Loaded) Begin 67430 Total 9
 Lights And Siren To Scene:
☐ Non-Emergent, No Lights or Siren
☐ Emergent, Lights and Siren
☐ Initial Emergent, Downgrade To No Lights and Siren
☐ Initial Non-emergent, Upgrade To Lights and Siren

PL Det 0240 Call Rec 0300 En Route 0305 At Scene 0315 At Pl 0316 Lv Scene 0322 At Dest 0335 In Service

Crew Member Name / License No.
Mike Brady

DEMOGRAPHICS

Patient Last Name / First / MI
Adams John Q

Emergency Contact Name
Kirstin Adams

Personal Physician
Jeffrey Brand

Social Security No. (Optional)
333-02-1797

Employer
J.J. Lawfirm

Insurance 1
Aetna

Insurance 2 - If MVA, Agency

Medicare
HMO

Medicaid

SIGNS / SYMPTOMS

☐ Bloody Stool
☐ Abdominal Pain
☐ Back Pain
☐ Bleeding
☐ Choking
☐ Diarrhea
☐ Dizziness
☐ Ear Pain
☐ Eye Pain
☐ Fever/Hyperthermia
☐ Headache
☐ Hypertension
☐ Hypothermia
☐ Hypotension
☐ Incontinence
☐ Intermittent Consciousness
☐ Numbness
☐ Paralysis
☐ Palpitations
☐ Pregnancy / Childbirth
☐ Respiratory Arrest
☐ Seizures / Convulsions
☐ Syncope
☐ Trauma
☐ Unresp. / Unconscious
☐ Vaginal Bleeding
☐ Vomiting
☒ Weakness
☐ Unknown
☐ Other

ALLERGIES

☐ None
☒ Peanuts

PATIENT'S CURRENT MEDICATIONS

PRE-EXISTING MEDICAL CONDITION - MEDICAL

☐ Asthma
☐ Bleeding Disorders
☐ Cancer
☐ Chronic Renal Failure
☐ Chronic Resp. Failure
☐ CVA / TIA
☐ Diabetes
☐ Gastrointestinal
☐ Headaches
☐ Hypotension
☐ Seizures / Convulsions
☐ Tuberculosis

CARDIAC

☐ Angina
☐ Arrhythmia
☐ Congenital
☐ Congestive Heart Failure
☐ Hypertension
☐ Myocardial Infarction
☐ Cardiac Surgery

OTHER

☐ Developmental Delay / MR
☐ Psychiatric
☐ Substance Abuse
☐ Tracheostomy

VITALS

☐ Vital Continued with Advanced Skills

Time	BP	Pulse	Rate	Qual	Resp	SPO2	Resp. Effort	Level of Consciousness	Mental Status/Behavior	Eyes	Breath Sounds
3:22a	97	50	45	Reg	30	86	1 Normal	A - Alert	Normal	PERLL	Clear
				Reg			2 Labored	A - Alert	Acute Confusion	R	Wet
				Reg			4 Absent	A - Alert	Usually Confused	R	Decreased
				Reg			5 Assisted	A - Alert	Incoherent	R	Wheeze
				Reg				A - Alert	Intermittent Consciousness	R	Absent
				Reg				A - Alert	Combative	R	Stridor

ASSESS

Page 1 of 2. 0 Thread(s)



TESTTWO, CASE-ONE

1910612 / 290374151

34y (01/01/1975)

Female

1344 (13E) TH

[Patient List](#) [Orders](#) [Results](#) [Patient Info](#) [Documents](#) [Flowsheets](#) [Clinical Summary](#) [HIS](#) [EDR](#) [Deficiency List](#) [Chart View Tab](#)

OnBase

View MRN Pop
MANAGER

MRN	Patient Name	Account #	Admit Type	Admit Date	Discharge Date	Facility Name	Depart Name
12150508	ADAMS, ABIGAIL 666662	Clinic	11/12/2006	11/21/2006		Hyland Hospital - Obs Cleveland	
12150508	ADAMS, ABIGAIL 66666	Inpatient	1/2/2007	3/2/2007		Hyland Hospital - Eme Cleveland	
12150508	ADAMS, ABIGAIL 6666677	Inpatient	1/2/2007	3/2/2007		Hyland Hospital - Eme Cleveland	
12150508	ADAMS, ABIGAIL 666667	Inpatient	1/2/2007	3/2/2007		Hyland Hospital - Eme Cleveland	
12150508	ADAMS, ABIGAIL 666661	Clinic	8/9/2007	8/12/2007		Hyland Hospital - End Cleveland	
12150508	ADAMS, ABIGAIL 666663	Inpatient	9/6/2009	9/25/2009		Hyland Hospital - Inpi Cleveland	
12150508	ADAMS, ABIGAIL 666664	Clinic	1/1/2012	1/3/2010		Hyland Hospital - End Cleveland	

Documents:

EKG

EKG for ADAMS, ABIGAIL - Acct#: 666662/MRN#: 12150508 - DOB: 11/11/1944

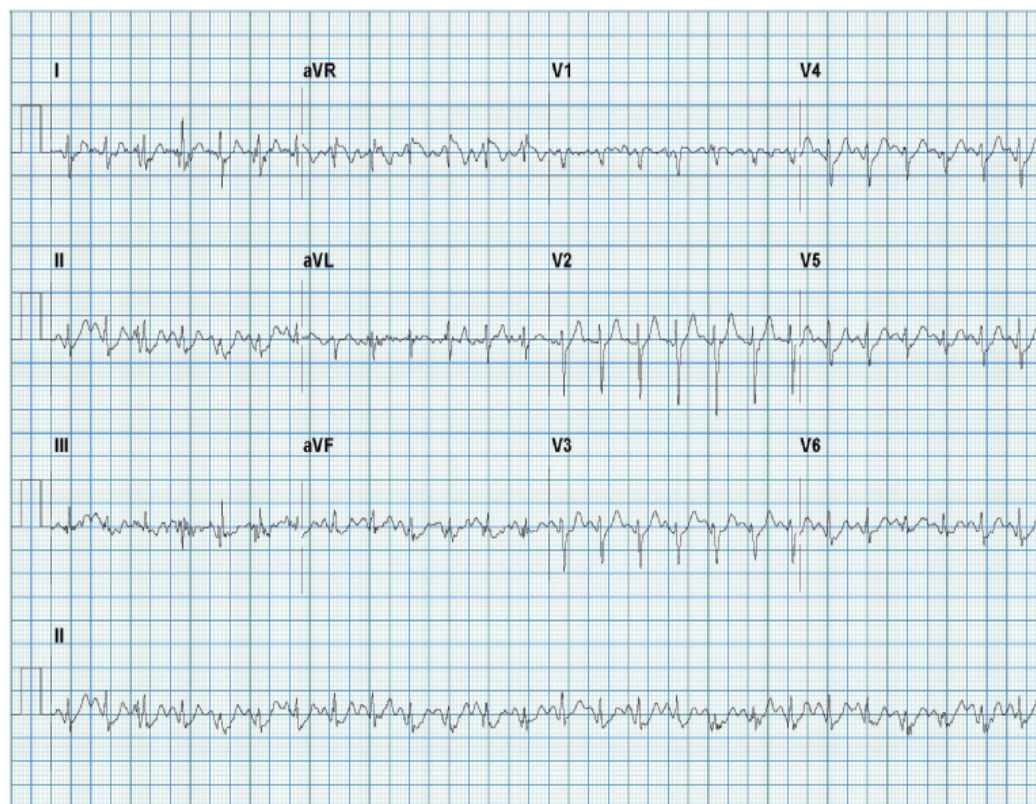
Adams, Abigail
66666

10/30/1736

12-Lead (sequential)

Protocol Bruce
Stage 3 02:50 08:50
Spd/Grd 3.4 mph 14.0%

RPE -- HR 157
METs(a) 10.1 Target HR 139 II LVL 2.3 SLP 40
BP 170/90 Max HR 157 V2 LVL 4.9 SLP 50
Previous BP 150/90 HRxBP 26690 V5 LVL 2.5 SLP 38



10/31/2008 3:17:33 PM

25 mm/sec 10 mm/mV BWF On MAF On Line On 40Hz On Page 9

Consultations (1)
Admissions (3)
Emergency Care (3)
Pharmacy (0)
Cancer Reg (2)
Pathology/Lab Report (4)
Consent (2)
Advance Directive (0)
Cardiology (1)
Surgery

My Applications Case 1 Chart View

My Applications

- Case 1 Test, Linda K.
- Case 2
- Case 3
- Case 4
- Inbox

File Registration View GoTo Preferences Tools

Burton, Linda K 000000043 / 000000111 36y (18-Sep-1974) female
 SMC-WCC-L & D-230A
 Ht: 180.3 cm Wt: 84.3 kg BSA: 1.58 BMI: 20.8 Adv. Directive:
 Allergies: **Allergy Status Unknown, No Known Allergies** Temp(C): HR: RR: Sys: Dias:
 Patient died on Sep 7 2009 10:12AM.
 Admit Date: 16-Aug-2011
 Admit Dx: Planned/Actual Discharge: 23-Aug-2011

Patient List Orders Results Documents Flowsheets Patient Info Clinical Summary Clinical Viewer Info Button Reporting Chart View Referral Management

OnBase Chart Pop Timothy McNamara

Documents:

- EKG for WEATHERUP, CHRIS - Acct#: 111/MRN#: 111 - DOB:
- EKG for WEATHERUP, CHRIS - Acct#: 111/MRN#: 111 - DOB:

Demographics:

Patient Name : Weatherup, Chris
 Facility Name : Liverpool Heart and Chest Hospital
 Acct No. : 111
 Dept. Name : Cardiology
 Admit Type : Inpatient
 Admit Date : 8/1/2011 12:08:07 PM
 Discharge Date : 8/19/2011 12:08:07 PM

Adams, Abigail
 06665
 10/30/1736
 12-Lead (sequential)

Protocol Stage Bruce
 SpdCrd 3 02:50 06:50
 3.4 rpts 14.0%

RPE -- HR 157
 METs(k) 10.1 Target HR 139 II LVL 2.3 SLP 40
 BP 170/90 Max HR 157 V2 LVL 4.0 SLP 50
 Previous BP 150/90 HRxBP 260/90 V5 LVL 2.5 SLP 58

10/31/2008 3:17:33 PM 25 mm/sec 10 mm/mV BWF On MAF On Line On 40Hz On Page 9

Page 1 of 1. 0 Note(s) 0 Highlight(s) 0 Signature(s) 0 Thread(s)

McNamara, Timothy(MD) 8/23/2011 16:57 SCM126

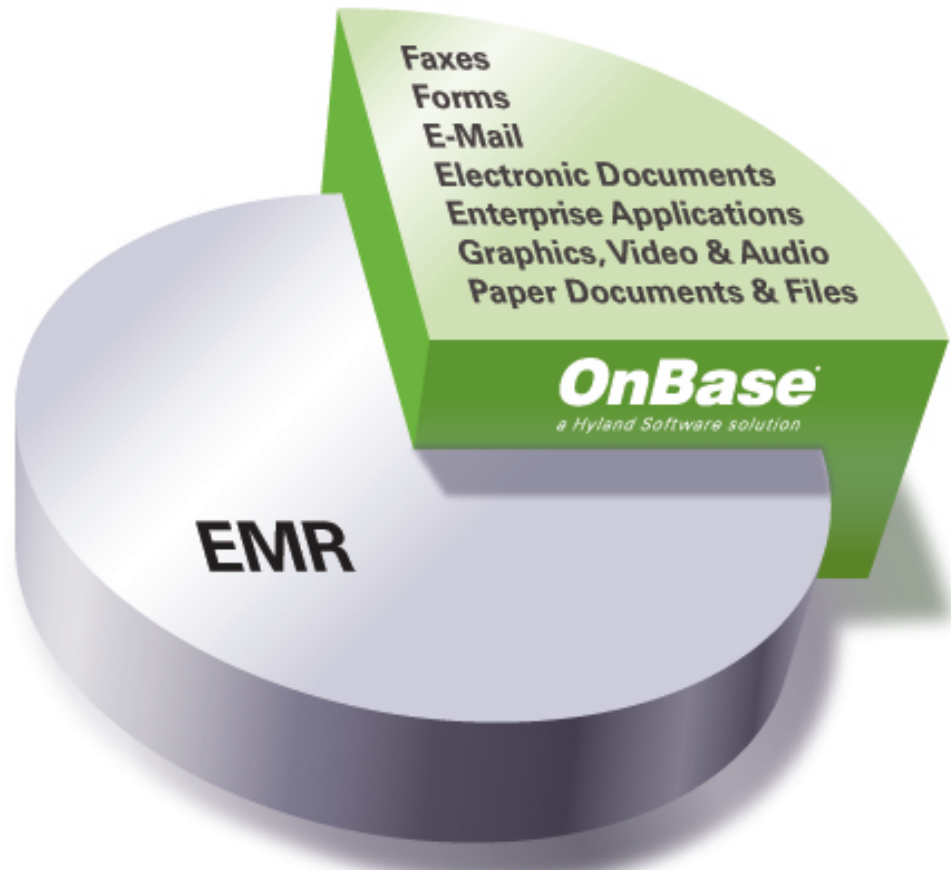
Start New Folder (\\hannoush-... Allscripts Gateway | ... 4:57 PM

Allscripts

OnBase
 a hyland software solution

Contenido clínico

- **Visita del paciente**
 - Papel
 - Contenido electrónico
- **Recursos externos**
 - Derivación a especialistas
 - Consultas
 - Correspondencia
 - Resultados externos
 - Ordenes no solicitadas
 - Registros históricos



Contenido clínico - Estructura

Nivel de escaneo	Definición	Ejemplos
Nivel del paciente	Documentos usados como referencia entre muchos encuentros	Identificación del paciente Directiva avanzada
Nivel de encuentro	Documentos específicos a la visita de un paciente	Consulta Historial y examen médico
Nivel de orden	Documento que proporciona resultados relacionados a una orden	Electrocardiograma Informe de laboratorio Informe de diagnóstico

Workflow: Captura, recuperación de documentos y corrección

■ Opciones de captura

- Captura en punto de atención médica
- Escaneo de lotes
- Integración con fax e impresión virtual
- Integraciones con dispositivos clínicos

■ Opciones de recuperación de documentos

- Uso de colocación y descripción de documentos
- Distribución simulada de médicos

■ Opciones de corrección

- Proceso controlado de corrección en clasificaciones incorrectas desde una aplicación



Captura en un punto de atención médica

- **Iniciado en pantallas EMR**

- Da soporte al flujo de trabajo del usuario
- Capacitación mínima para el usuario
- ¡Sin necesidad de efectuar cambios!

- **Escaneo hacia repositorio OnBase**

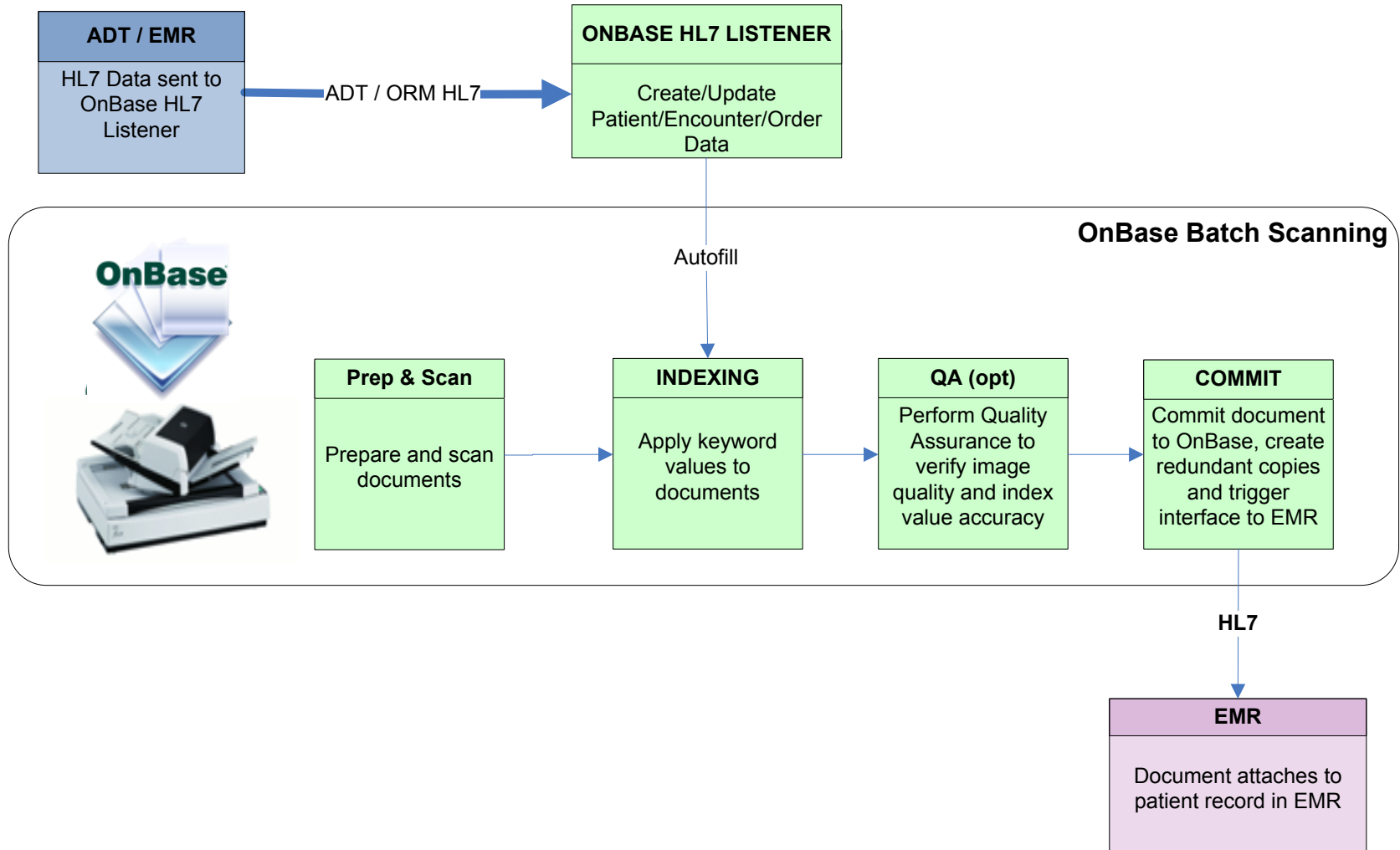
- Un proceso transparente para los usuarios de EMR
- Documento se mantiene en ECM (retención, flujos de trabajo, etc.)
- indexado automáticamente a través de API (tipo de documento y palabras clave)

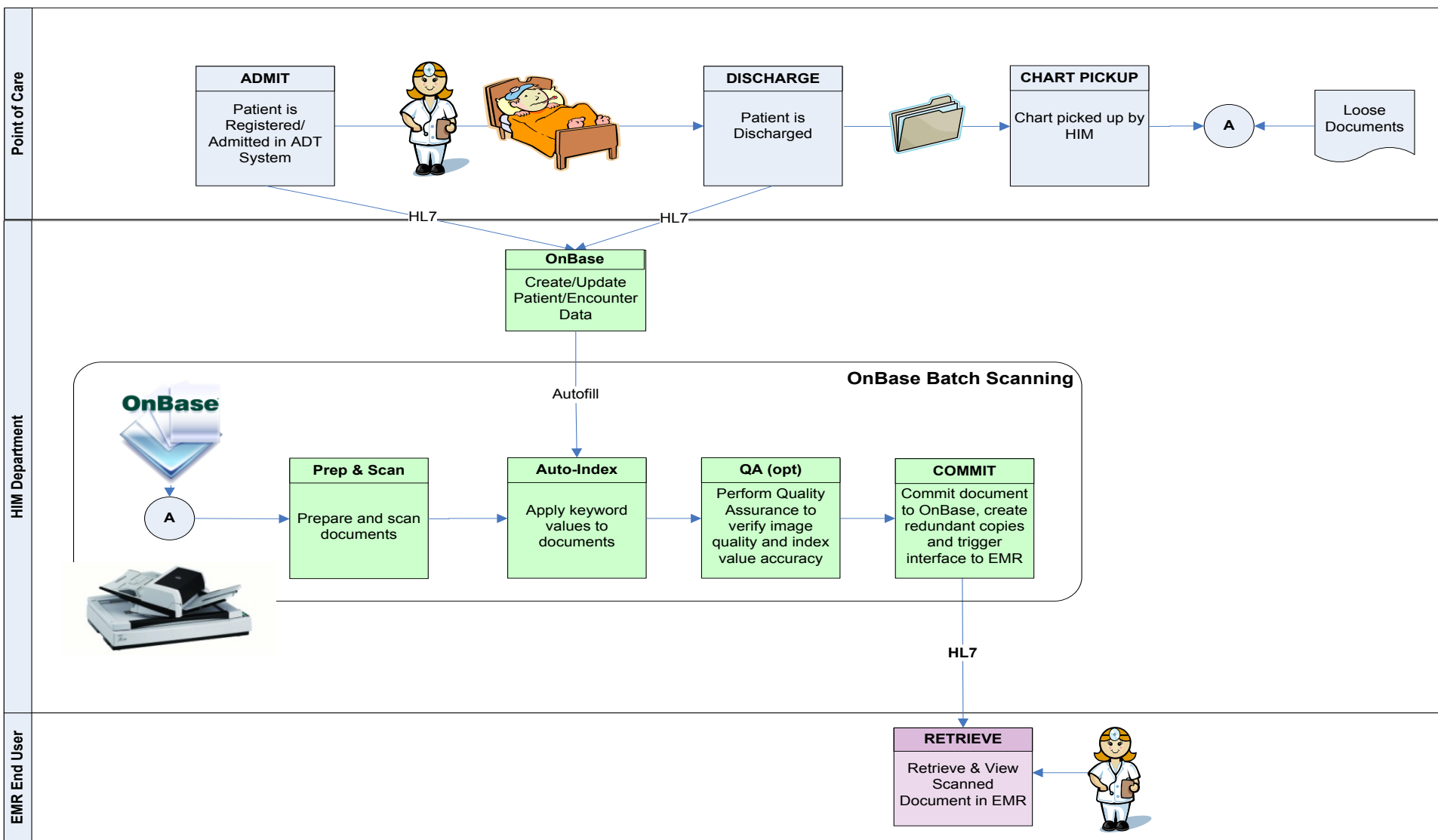
Captura de lotes en OnBase

- **Escaneo de volúmenes altos, y a alta velocidad**
 - ISIS, TWAIN o Kofax
 - Indexación a nivel de paciente, encuentro u orden
 - Centralizado, descentralizado o híbrido
- **Indexación Automatizada**
 - OCR o Código de Barras
 - Llenado automático y búsquedas
- **Opciones de Control de Calidad**
 - División de trabajo
 - Niveles de confianza y anulaciones

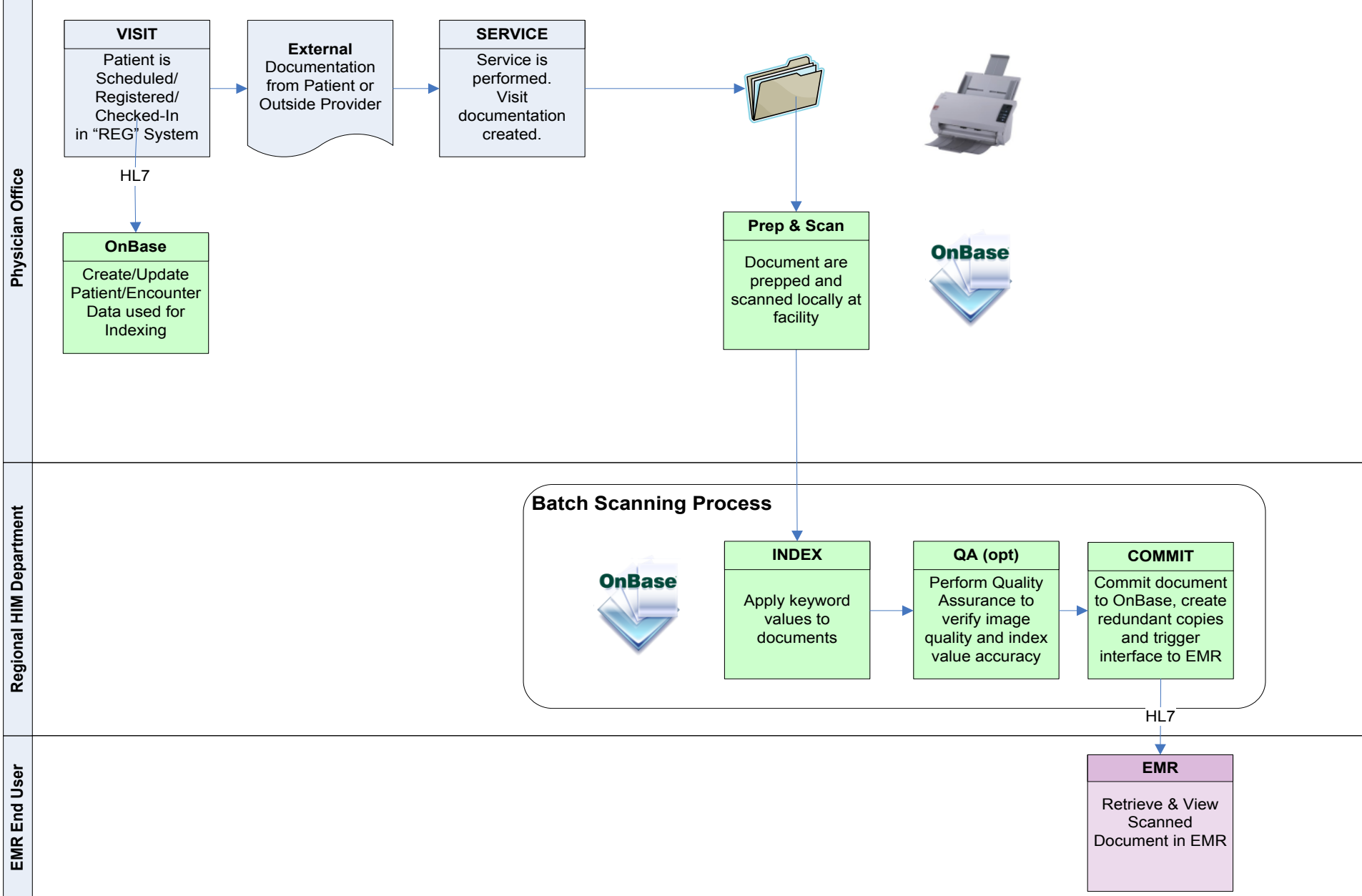


Batch Scanning Workflow





Centralized Hospital Scanning Operation



Decentralized Scanning / Centralized Indexing

Contenido externo

■ Documentos externos

- Derivación a especialistas
- Servicios
- Correspondencia
- Resultados externos
- Ordenes no solicitadas
- Registros históricos

■ Opciones de indexación

- Llenados automáticos
- Búsquedas

PATIENT NAME: William Taft

MR NUMBER: 12150513

ADMISSION DATE: 04/19/00

REFERRING PHYSICIAN: M. Osoto, M.D.

CONSULTING PHYSICIAN: S. Gaines, D.O.

DATE OF CONSULTATION: 04/21/00

HISTORY OF PRESENT ILLNESS:

The patient is a very pleasant 57-year-old woman who has come in with a history of about 48 hours of severe right upper quadrant pain, nausea and vomiting. She has not had previous attacks such as this, but has had nausea and intermittent digestive problems. No diarrhea. No other digestive problems.

PAST MEDICAL HISTORY:

1. Cardiomyopathy
2. Possible congestive heart failure about a year ago for which she is being followed by her cardiologist. Full details of this will be dictated by the cardiologist.
3. Hysterectomy

MEDICATIONS:

The patient takes multiple medications for heart disease. She is on no blood thinners.

REVIEW OF SYSTEMS:

The review of systems is otherwise negative.

PHYSICAL EXAMINATION:

VITAL SIGNS: Temperature 100° F; vital signs are normal and stable.
ABDOMEN: The abdomen is extremely tender in the right upper quadrant consistent with a positive Murphy's sign and acute cholecystitis. There are no masses, no hernias. The scar is well healed.

LABORATORY EVALUATION:

Gallbladder ultrasound shows gallstones with a thickened gallbladder wall, pericholecystic fluid.
The DISIDA scan is positive for acute cholecystitis showing no visualization of the gallbladder.
Laboratory studies show an elevation of the white blood cell count. The rest of the laboratory studies are normal. Amylase and lipase are normal.

IMPRESSION:

Acute cholecystitis in a patient with a positive history of congestive heart failure and cardiomyopathy.

CONSULTATION Page 1

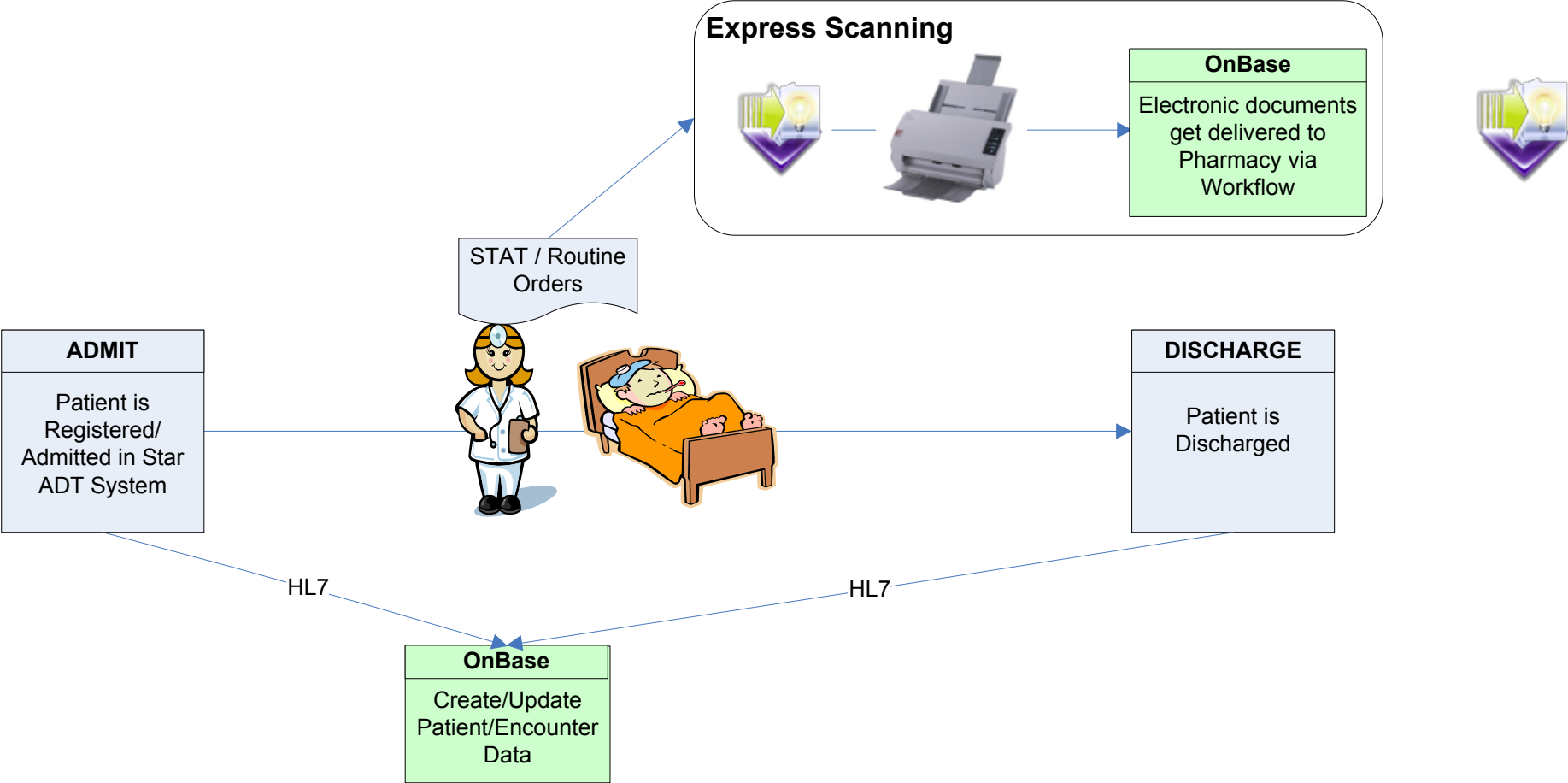
HYLAND HEALTH SYSTEM

Captura integrada para faxes

¡OnBase captura faxes!

- **Captura automática de faxes**
- **Distribución automática**
 - Basado en la ubicación desde donde se envía o número de fax
 - De gran ayuda para órdenes farmaceuticas estáticas vs. rutinarias
- **Los documentos son depositados en las colas de escaneo de OnBase o en Workflow para su indexación**
- **Opciones de indexación (similar a escaneo de lotes)**
 - Reconocimiento de código de barras
 - OCR

Point of Care – Express Scanning





Normal

Choose a button please

Exit



Normal

NSN 7540-1

MEDICAL RECORD

NURSING NOTES

(Sign all notes)

DATE	HOUR		OBSERVATIONS Include medication and treatment when indicated
	A.M.	P.M.	
3/10/99	0230		pt admitted to ER pt alert + conscious

Document Complete

Document Complete

Upload

Scan More Pages

Delete

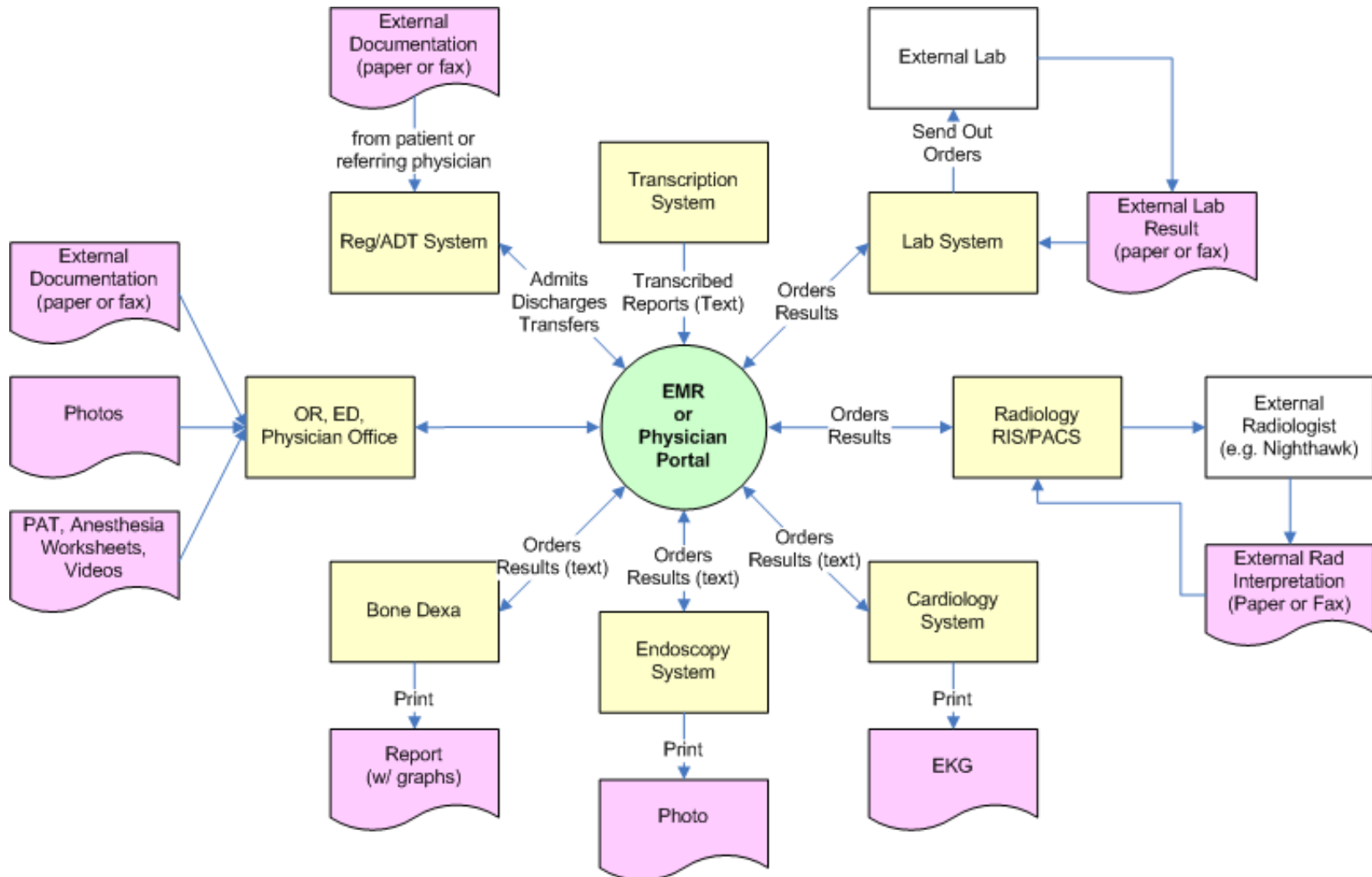
bilaterally
O₂ sat 90%
bp 140/90
cold + fever
C CMP ABG
ets g f
4x tylenol given
hiv IV PB
Started
O₂ sat 93%

0600 pt down for CXR

0830 RLL infiltrate on CXR

Exit

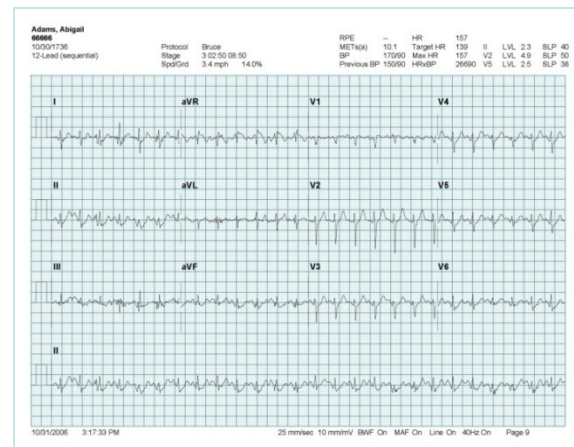
Clinical Device / Ancillary CIS



Dispositivo clínico / CIS auxiliar

■ Examen / Resultados

- Captura en la superficie interior del ojo
- Ondas de electrocardiograma
- Prueba de resistencia física
- Informes endocrinos, imágenes, vídeos
- Monitoreo de pulsaciones cardíacas del feto



e Date: 6/12/2009 1:31 PM
4618-87-008
irth: 3/3/1950

Complications: No immediate complications. Estimated blood loss: None

Procedure:

Pre-Anesthesia Assessment:
- Prior to the procedure, a History and Physical was performed, and patient medications and allergies were reviewed. The patient is competent. The risks and benefits of the procedure and the sedation options and risks were discussed with the patient. All questions were answered and informed consent was obtained. Patient identification and proposed procedure were verified by the physician in the pre-procedure area. Mental Status Examination: alert and oriented. Airway Examination: normal oropharyngeal airway and neck mobility. Respiratory Examination: clear to auscultation. CV Examination: normal. ASA Grade Assessment: II - A patient with mild systemic disease. After reviewing the risks and benefits, the patient was deemed in satisfactory condition to undergo the procedure. The anesthesia plan was to use moderate sedation / sedation). Immediately prior to administration of medications, the patient was re-assessed for adequacy to receive sedatives. The heart rate, respiratory rate, oxygen saturations, blood pressure, adequacy of pulmonary ventilation, and response to care were monitored throughout the procedure. The physical status of the patient was re-assessed after the procedure.
After I obtained informed consent, the scope was passed under direct vision. Throughout the procedure, the patient's blood pressure, pulse, and oxygen saturations were monitored continuously. The Colonoscope was introduced through the anus and advanced to the cecum, identified by appendiceal orifice & ileocecal valve. The colonoscopy was performed without difficulty. The patient tolerated the procedure well. The quality of the bowel preparation was good.

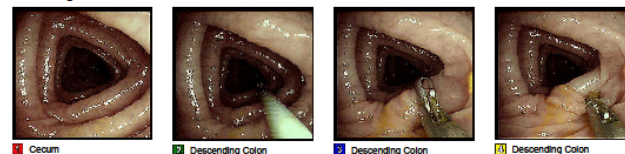


Findings:

The perianal and digital rectal examinations were normal.

A sessile polyp was found in the sigmoid colon. The polyp was 5 mm in size. The polyp was removed with a hot snare. Resection and retrieval were complete. Estimated blood loss was minimal. Verification of patient identification for the specimen was done by the nurse using the patient's name and medical record number.

Add'l Images:



■ Métodos

- HL7 avanzado
- Proceso DIP
- Filtros de entrada (PDF, DJDE, etc.)

Clinical Device / Ancillary CIS Integrations

<u>Application</u>	<u>Clinical Area</u>	<u>Integration</u>
Olympus EndoWorks	Endoscopy	HL7
GE MUSE	Cardiology	HL7
Phillips TraceMasterVue	Cardiology	HL7
Medtronic Paceart	Cardiology	HL7
Topcon Fundus Camera	Ophthalmology	DIP
ProVation	Endoscopy	HL7
Midmark Holter	Cardiology	API / AE
Jaeger MasterScreen	Pulmonary	DIP
Midmark Spirometry	Pulmonary	API / AE
Nihon Kohden	Electromyograph	DIP

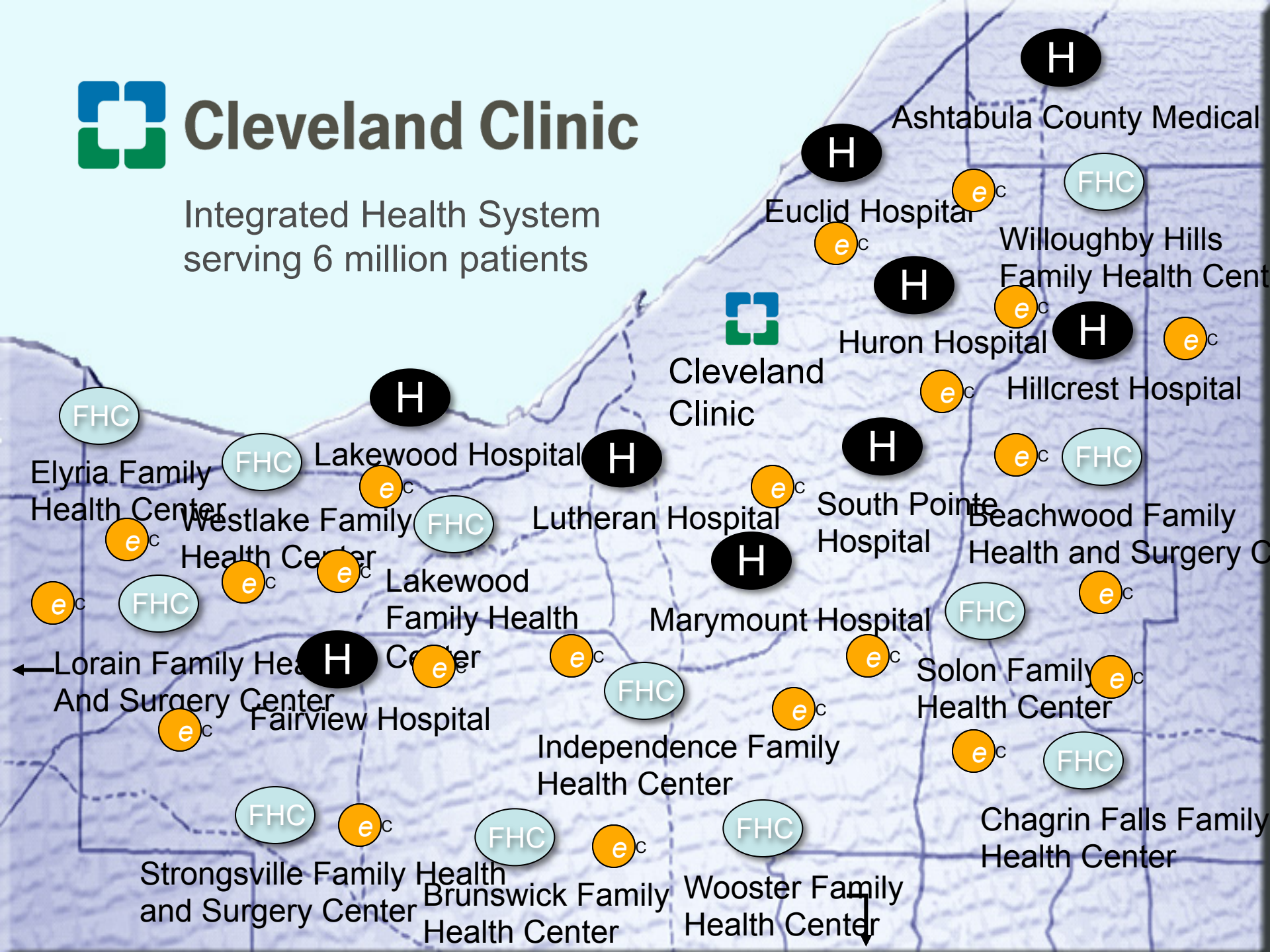
Recuperación y visualización de documentos integrados

- Los usuarios finales permanecen en EMR, no alternan
- Recuperación de documentos desde pantallas EMR
- Sin capacitación adicional
- Funcionalidad del visor de OnBase
- Sincronización a tiempo real entre OnBase y EMR





Integrated Health System serving 6 million patients



Cleveland Clinic Health System

(As of 2010)

36,600 employees

3,269 available beds

Patient Care

Total Clinic Visits	3.2M
Total Admissions	164,380
Surgical Cases	168,082
Emergency Visits	404,232

Nationally ranked, internationally known

Document Imaging at the Cleveland Clinic

- Started with Accounts Payable in 2004
- In 2005 developed a proposal to do Clinical ECM
- Simple goal to create an **enterprise model** by which we organize **clinical** documents in OnBase (ECM) and present them in Epic (EMR)
- Establish **on going** governance for enterprise document management
 - Right information, right place, right time
 - Multiple users can view one document at same time
 - Reduced filing and retrieving
 - Standardization of documentation practices

Systems Integrated with OnBase

- Epic – Multiple modules
- Siemens Invision / Signature
- McKesson Star
- GE Muse – EKG
- Phillips Tracemaster – EKG
- Lawson
- Topcon – Retinal Eye Photos
- Nihon Kohden - EMG
- Sunquest
- ARKS
- ADT/R
- Oracle - E-Gate
- Rightfax
- Crystal Reports

Volume

- Total documents in OnBase 17.7 Million
- Number of documents in Epic 14.4 Million
- Number of Epic viewed documents 6.7 Million
- Average documents viewed/day 16,000
- Total disk space utilization 3.2 TB
- Document Types 120

Beyond Clinical ECM

- Clinical ECM had become a core application
- Accounts Payable had been idle on standalone system
- Human Resources had a need
- Supply Chain had a need
- Built a capital request in 2009 to expand into administrative areas
- Now working to implement a complete administrative ECM solution
- Some shared architecture / separate databases

Conclusions

- ECM quickly became part one of our core applications
- ROI can be demonstrated
 - Physician Satisfaction
 - Reduced turn around time
 - Integration with EMR
 - Redundancy and recoverability
 - Space savings 50 million pages ~ 20,000 linear feet of paper
- There are many areas where ECM is needed
- System integration makes this work
- One stop shopping for content

**Para aquellos hospitales sin EMR,
OnBase es también implementado
como Administrador de Registros
Médicos**

Adams, John

Age: 6
Sex: MaleDOB: 10/30/1836
MRN: 12150509
Allergies: Not on File
PCP: (None)Alerts:
Ins: (None)

MyChart: Inactive

SnapShot

Chart Review

Results Review

Flowsheets

Problem List

History

Letters

Demographics

CDR LINK

EMPI QUERY

MAGICWEB

Order Entry

Enter/Edit Results

Imm/Injections

Level of Service

Allergies

Medications

Episodes

Health Maintenance

Report Viewer

Visit Navigator

Scan List

Hotkey List

Exit Workspace

AMBULANCE REPORT

Date Incident Reported	Service Name and ID No.	Responding Unit	Station	Patient Care Record / Alarm No.
2/25/06	Schwinn Ambulance	117	Montgomery	611207
Incident Address / Location	Incident Municipality	Incident County		
2 Quincy Drive	Braintree	Cuyahoga		
Destination Address / Facility Name	Destination Municipality	Destination County		
Hyland Hospital	Cleveland	Cuyahoga		
Mileage (Loaded)	Begin	Total	Lights And Siren To Scene:	Crash Report No.
67430	67421	9	☐ Non-Emergent, No Lights or Siren ☐ Emergent, Lights and Siren	N/A
PL Doc	Call Rec	En Route	At Scene	At Pl
0240	0300	0305	0315	0316
Crew Member Name / License No.				
1. Mike Brady				
Location Type	☐ Clinic / Medical ☐ Educational Inst. ☐ Farm	☒ Highway / Street ☐ Home / Residence ☐ Hospital	☐ Industrial ☐ Mine / Quarry ☐ Nursing Home	☐ Public Building ☐ Public Outdoors ☐ Recreational / Sport
Response Type	☐ Mutual Aid ☐ Intercept	☐ Response To Scene ☐ Scheduled Interfacility Transfer	☐ Standby ☐ Unscheduled Interfacility Transfer	☐ Unknown ☐ N/A
Patient Last Name / First / M.I.	Mailing Address	City	State	Zip Code
Adams John Q	2 Quincy Dr	Braintree	MA	09080
Emergency Contact Name	Address	City	State	Zip Code
Kristin Adams	2 Quincy Dr	Braintree	MA	09080
Personal Physician	Date of Birth	Age	Weight	Gender
Jeffrey Brand	10/30/1836	170	214	Male
Social Security No. (Optional)	Race	☐ Black ☐ American Indian/Alaska Native ☐ Other	☐ Unknown	Work Related Injury
333-02-1797	W	☒ White ☐ Hispanic ☐ Asian/Pacific Islander		☐ Yes ☒ No
Employer	Address	City	State	Zip Code
J-L Lawfirm	326 W. 5th Ave	Braintree	MA	09080
Insurance 1	Group No.	Insured No.		
Aetna	134852007	587220164112		
Insurance 2 If MVA, Agency	Address	Phone		

Page 1 of 2.

0 Thread(s)

Page 1

Page 2

Emergency Care

Advance Directive

Pathology

Cancer Registry

Consultations

Pharmacy

Surgery

Medical Equipment

Patient Information

Progress Note/Order

Discharge Summaries

Admissions

Cardiology

Lab



Home



Home Chart Search Coding Pre-Analysis Analysis Analyst Review Notes Reanalysis Correction Mail

Navigation



Coding Admin



Analysis Admin



Reanalysis Admin



Grant Chart Access



Chart Access Admin



Consulting Physician



Chartless Documents



Deficiency Admin



Physician Holds



System Notifications

Administration

Work Queues

System Notifications

MAIL

Unread Messages

1



CODING

System

4/823



ANALYSIS

Analysis

5/823



Reanalysis

2



Analyst Review Notes

0/1



ADMIN

Grant Chart Access

0



Consulting Physician Requests

0



Chartless Documents

3644



Wednesday, May 25, 2011

Mandatory coding meeting is being held for all Inpatient coders on June 1st from 3:00PM to 4:00PM in the boardroom.

Completion Functionality - PIN

Home Completion Document Image

Refresh View Chart Auto Play Demographics Encounters History Print Mail Add Correction Change Document Type Send To Correction

Chart # 4222011 - Jerry James (MR# - 4222011) - Discharge Date: 04/21/2011

Deficiency List (11)

Deficiencies for PERRY COX - 123456789

Account #	Document Type	Deficiency Date	Deficiency Type
4212011	EKG	4/21/2011 10:00	
100002	History and Physical	2/10/2011 2:50	
4222011	Lab Results	5/6/2011 11:30	
4212011	History and Physical	4/21/2011 9:40	
4222011	EKG	4/21/2011 8:30	
04182011	Radiology Image	4/19/2011 11:00	
11202413	Anesthesia Record	7/12/2011 1:10	
10000	Consultation	7/20/2010 8:17 AM	Sign
4222011	Radiology Image	4/21/2011 8:46 PM	Sign
99999	Anemia Physician Query	12/16/2010 10:17 AM	PhysQry
4222011	Radiology Image	4/21/2011 8:28 PM	Other

Deficiency Text:

PIN Confirmation

Please enter your PIN

OK Cancel

Radiology Image for JAMES, JERRY - Acct#: 4222011/MRN#:... | 1 Page





Physician Queries

Home

Coding

Chart

Document

Image

Refresh

Account # Search

Get More Charts

Demographics

Actions

Complete

Suspend Chart

Unassign Chart

Route Chart

Coding

Mark as Done

Mark as In Progress

Add Bookmark

Document

Physician Query

Create Analyst Note

Create Chart Note

Communicate

Chart # 11202070 - ANNETT PIKE (MR# - 12150613) - Discharge Date: 02/13/2009

1 Chart Corrections

Chart List (3)

Status	Account #	Patient First Name	Patient Last Name
	1000009	ERIKA	IFRANK
	11202070	ANNETT	PIKE
	11202113	MARCELO	TORRES

Document Viewer

Create Physician Query

Please select the form:

Please select the physician:

☒ Attach this physician query to the currently selected document and page.

Edit
Send
Cancel

MRN#:....
| 4 Pages

PAGE 1

PAGE 2

PAGE 3

PAGE 4

Emergency Room Form for PIKE, ANNETT - A

Lab Results for PIKE, ANNETT - A

Lab Results for PIKE, ANNETT - A

Consent (0)

Advance Directive (0)

Progress Notes (225)

Consultations (1)

Pharmacy (0)

Cancer Reg (2)

All (0)

Admissions (0)

Coding (6)

Other (3)

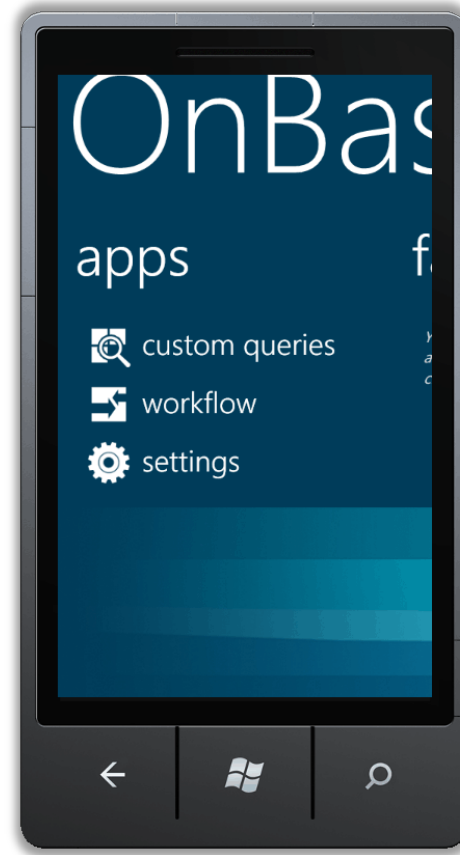
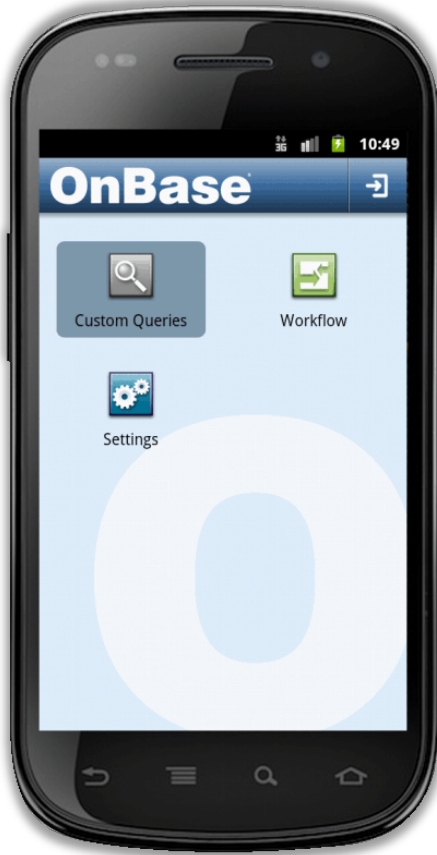
Emergency Care (3)

Surgery (2)

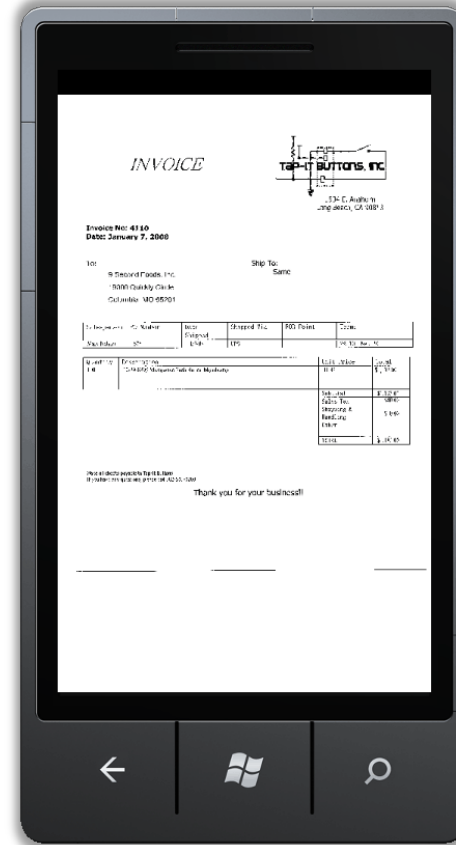
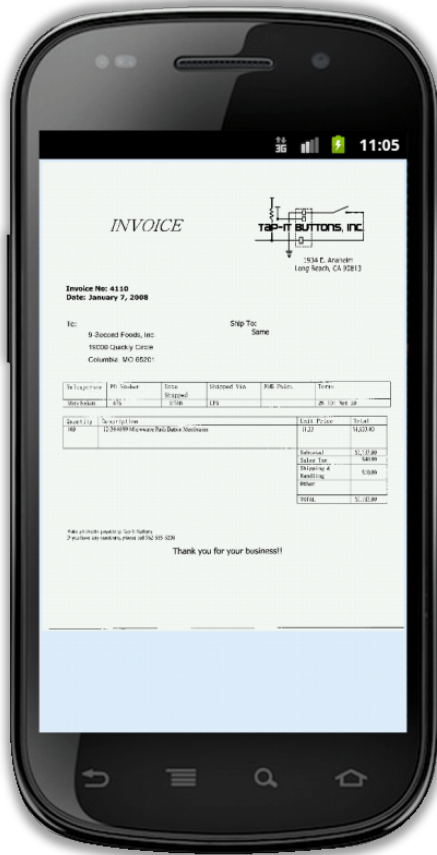
Cardiology (1)

Pathology/Lab Report (9)

Android Phone & Windows Phone



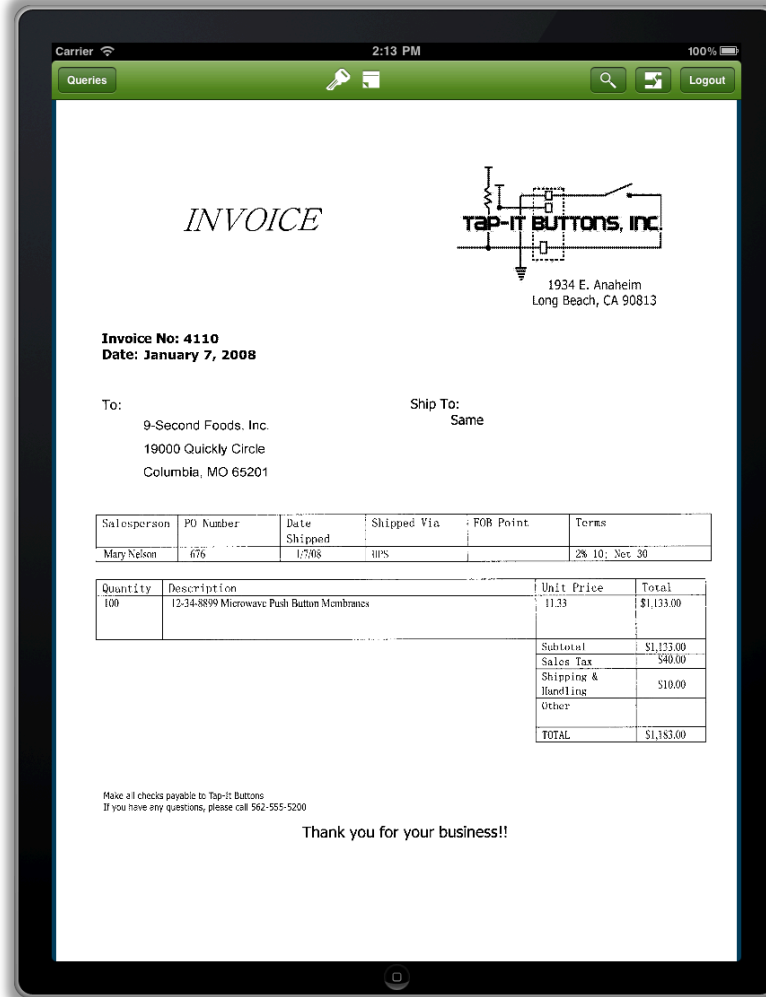
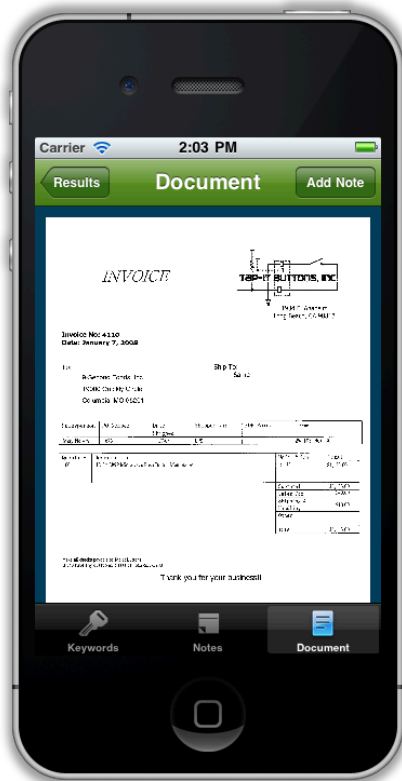
Android Phone & Windows Phone



iPhone & iPad



iPhone & iPad



Para las funciones administrativas

Procedimientos y pautas

Control de documentos de laboratorio

- Documentos de procedimientos administrados en una sola ubicación
- Registra la lectura de los documentos por empleado
- Proceso de aprobación para nuevos procedimientos
- Los documentos de procedimientos nuevos remplazan a los documentos antiguos
- Es capaz de verificar que el trabajador revisa los procedimientos de manera periódica.

Otras áreas:

- Instrucciones
- Instrucciones de lactancia

Lawson

Lawson portal - Basic Invoice (AP20.1) - Windows Internet Explorer

http://lsfserver.corpnet.lawson.com/lawson/portal/

File Edit View Favorites Tools Help

★ Favorites ☆ links Lawson Portal Lawson Studio

Lawson portal - Basic Invoice (AP20.1)

Welcome Lawson [logout] Search... Related Forms

LAWSON Basic Invoice (AP20.1)

Home > + Add > Change > - Delete > Previous > ? Inq

Company Batch Process Lev Vouch

Main Misc Payment Options Prorate

Vendor 180 PD 456 Remit To

Invoice 7936

Inv Date 08/03/2010 Handling Code 1 Bulk Lift

Due Date 08/03/2010 Invoice Type 1013 Tamarac Drive

Inv Amount 21714.00 Currency USD

Pmt Terms Discount

Goods Amt: 21,714.00 Carpentersville IL 60110

Distribution Code Account

User Analysis Buyer Code 1

Add Comments PO Detail PO AOC Inv AOC

FC	Co	Account	Analysis	Activity	Amount	
						* AM
						* AM
						* AM
						* AM
						* AM

Inquiry Complete

Start OnBase Client (ONBASES... Document1 - Microsoft ... OnBase (New Service Lo... Lawson portal - Basic ...

Trusted sites 100% 5:38 AM

Lawson

Lawson portal - Basic Invoice (AP20.1) - Windows Internet Explorer

http://lfsrver.corpnet.lawson.com/lawson/portal/

File Edit View Favorites Tools Help

★ Favorites

Lawson portal

Home

My Shortcuts

MA540 - Sche

AP 20.1 - Invc

AP 90.1 - Invc

HR11.1 - Emp

MA54.1 - With

Inbasket

Requisitions S

Purchasing

Accounts Pay

General Ledge

Project & Acti

Asset Manage

Lease Manage

Procurement

Expense Admi

Employee Self

Manager Self-

Portal Admin

White Redaction

1 / 1

Fit Width

BULK LIFT
INTERNATIONAL INCORPORATED
1013 Tamarac Drive
Carpentersville, IL 60110
1-847-428-6059 • FAX 847-428-7180
www.bulklift.com

REMIT TO:
BULK LIFT INTERNATIONAL, INC.
8207 EAGLE WAY
CHICAGO, IL 60678-1820

Keywords

Status MANAGER VALIDATION
Lawson Status SENT

NO. MEX107936

DATE
8/3/2010

BILL TO:
Brainware, Inc.
20110 Ashbrook Place, Suite 150
Ashburn, Virginia 20147

SHIP TO:
Brainware, Inc.
20110 Ashbrook Place, Suite 150
Ashburn, Virginia 20147

PURCHASE ORDER NUMBER	CUSTOMER I/D	SALESPERSON	SHIPPING METHOD	PAYMENT TERMS	DATE SHIPPED
4500139235	56893	GN	BEST	NET 30 DAYS	

QTY. ORDER	QTY. SHIPPED	QTY. B/C	ITEM NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1,155	1,155	0	MEXQ02053	20001b-U Panel-Ctd-Inlet/Outlet 40x40x45	\$18.80	\$21,714.00
				WO# M107120 PPD&ADD, BOL# 07913 SHIPPED W M107150		

Page 1 of 1.

0 Note(s) 0 Highlight(s) 0 Signature(s) 0 Thread(s)

Trusted sites

100%

5:40 AM

Start

OnBase Client (ONBASES...)

Document1 - Microsoft ...

OnBase (New Service Lo...)

Lawson portal - Basic Inv...

http://192.168.200.2...

PeopleSoft

[Summary](#) [Related Documents](#) [Invoice Information](#) [Payments](#) [Voucher Attributes](#) [Error Summary](#)

Business Unit: US001 **Invoice Number:** TR9 **Voucher**
Voucher ID: TR9 **Invoice Date:** 01/01/2008 **Index**
Voucher Style: Regular **Action:**

Copy from a Source Document

PO Unit: **Purchase Order:** **Worksheet Copy Option:**

Vendor: USA0000007
Name: POSTSVC-001
Location: 1
***Address:** 1 Advanced Vendor

Postal Service for East Bay
909 Buffalo Ave.

Boston, MA 61767

Invoice Lines

Line	*Distribute by	Item
1	Amount	

Ship To **SpeedCh**
US001

Maintenance WO Unit **M**

Distribution Lines

GL Chart **Exchange Re**

Copy Down **Amount**

1	1,0
---	-----

Business Unit: US001

PS - Vendor Invoices - Windows Internet Explorer

OnBase

Document Name
Vendor Invoice TR9 for PO 676 from TAP-IT BUTTONS, INC in the amount of \$1,183.00

Black Redaction Highlighter - Green

23%

INVOICE

TAP-IT BUTTONS, INC.

1034 E. Anaheim

SAP – En el ABC

Basic Invoice (AP20.1) - Windows Internet Explorer
 http://lsfserver.corpnet.lawson.com/lawson/portal/

http://192.168.200.226/- *PO Invoice for BULK LIFT - Invoice#: 7936 Status: MANAGER VALIDATION - Windows Internet Explorer

White Redaction

Keywords
 Status MANAGER VALIDATION
 Lawson Status SENT

NO. MEX107936

DATE
 8/3/2010

BULK LIFT
 INTERNATIONAL INCORPORATED
 1013 Tamarac Drive
 Carpentersville, IL 60110
 1-847-428-6059 • FAX 847-428-7180
 www.bulklift.com

REMIT TO:
 BULK LIFT INTERNATIONAL, INC.
 8207 EAGLE WAY
 CHICAGO, IL 60678-1820

BILL TO:
 Brainware, Inc.
 20110 Ashbrook Place, Suite 150
 Ashburn, Virginia 20147

SHIP TO:
 Brainware, Inc.
 20110 Ashbrook Place, Suite 150
 Ashburn, Virginia 20147

PURCHASE ORDER NUMBER		CUSTOMER I.D	SALESPERSON	SHIPPING METHOD	PAYMENT TERMS	DATE SHIPPED
4500139235		56893	GN	BEST	NET 30 DAYS	

QTY. ORDER	QTY. SHIPPED	QTY. B/C	ITEM NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1,155	1,155	0	MEXQ02053	20001b-U Panel-Ctd-Inlet/Outlet 40x40x45	\$18.80	\$21,714.00

WO# M107120
 PPD&ADD, BOL# 07913
 SHIPPED W M107150

Page 1 of 1. 0 Note(s) 0 Highlight(s) 0 Signature(s) 0 Thread(s)

Trusted sites 100%

OnBase Client (ONBASES...) Document1 - Microsoft ... OnBase (New Service Lo... Lawson portal - Basic Inv... http://192.168.200.2...

5:40 AM

Admisión de pacientes

- Captura integrada de documentos
- Integrada con SAP - ArchiveLink

REPUBLIC OF SINGAPORE
PIN/Code



ID #
Full Name
Date of Birth
Nationality
Issued
Expires

Sex


Advance Beneficiary Notice (CMS-R-131-G) For General Use

Patient's Name:

Medicare # (HICN):

ADVANCE BENEFICIARY NOTICE (ABN)

NOTE: You need to make a choice about receiving these health care items or services.

We expect that Medicare will not pay for the item(s) or service(s) that are described below. Medicare does not pay for all of your health care costs. Medicare only pays for covered items and services when Medicare rules are met. The fact that Medicare may not pay for a particular item or service does not mean that you should not receive it. There may be a good reason your doctor recommended it. Right now, in your case, **Medicare probably will not pay for –**

Items or Services:

Because:

The purpose of this form is to help you make an informed choice about whether or not you want to receive these items or services, knowing that you might have to pay for them yourself. Before you make a decision about your options, you should read this entire notice carefully.

- Ask us to explain, if you don't understand why Medicare probably won't pay.
- Ask us how much these items or services will cost you (Estimated Cost: \$ _____), in case you have to pay for them yourself or through other insurance.

PLEASE CHOOSE ONE OPTION. CHECK ONE BOX. SIGN & DATE YOUR CHOICE.

☐ **Option 1. YES. I want to receive these items or services.**
I understand that Medicare will not decide whether to pay unless I receive these items or services. Please submit my claim to Medicare. I understand that you may bill me for items or services and that I may have to pay the bill while Medicare is making its decision. If Medicare does pay, you will refund to me any payments I made to you that are due to me. If Medicare denies payment, I agree to be personally and fully responsible for payment. That is, I will pay personally, either out of pocket or through any other insurance that I have. I understand I can appeal Medicare's decision.

☐ **Option 2. NO. I have decided not to receive these items or services.**
I will not receive these items or services. I understand that you will not be able to submit a claim to Medicare and that I will not be able to appeal your opinion that Medicare won't pay.

Date

Signature of patient or person acting on patient's behalf

NOTE: Your health information will be kept confidential. Any information that we collect about you on this form will be kept confidential in our offices. If a claim is submitted to Medicare, your health information on this form may be shared with Medicare. Your health information which Medicare sees will be kept confidential by Medicare.

OMB Approval No. 0938-0566 Form No. CMS-R-131-G (June 2002)



¿Preguntas?