



Updates!

2006 International MUSE Edition
e-Newsletter from Iatric Systems, Inc.

May, 2006

In this issue:

(click title to jump directly to article)

[Joel's MUSEings](#)

[What's New?](#)

[Focus On LAB](#)

[VFS Suite User Group](#)

[Patient Safety Update & More](#)

[Iatric Systems Sessions](#)

[Tuesday Trainings](#)

[NPR Report Writing Tips](#)

[Newsletter Sign-up/Contacting Us](#)

1. Joel's MUSEings



Welcome to International MUSE 2006! Whether you're an old friend or a new face, we look forward to seeing as many of you as possible, so please stop by and say hello. Did you know that over 600 hospitals and health systems in the MEDITECH community now utilize solutions from Iatric Systems? Our goal in Orlando this year is to show you some of the reasons why.

Many of our customers tell me it's because we have innovative ideas, so I encourage you to come by the booth and check out what's new. We now have the ability to link non-Meditech applications to the C/S EMR module, we have a new handheld application to capture patient charges, and we've begun developing our Lab Portal. We'll also be sporting some amazing new hardware you can hold in your hand and run applications like VFS, and we'll have RFID wristbands and an RFID reader - just ask Frank what's up his sleeve!

An equal number of customers tell me they do business with us because we have outstanding customer service. Perhaps it's that we listen and hear. We attribute the success we've had with MobiLab to the fact that during development, we gathered input from a team of representatives from five different hospitals. Our online MAR (dubbed "VMAR" by our customers) was developed with hospital input use the same team approach and is now being mimicked by other companies, which we consider flattering. We even had a brand new customer choose one of our solutions recently because we were the only vendor that paid attention to their requests during the on-site demo process.

Whether or not you're familiar with our solutions or have experienced our customer service, we want to hear what your goals and challenges are, so come visit us at booth #710. Then you can decide for yourself why so many hospitals work with us. We'll look forward to seeing you in Orlando!

[Back to Top](#)

2. What's New



Each year at International MUSE, we unveil new solutions, plus we give attendees a sneak peek at what's in development. Here's a sample of what's new this year:

C/S Link: Specifically designed for Client/Server sites, C/S Link allows users to view clinical data from non-Meditech applications directly from the EMR module, without needing to re-identify patients. C/S Link is a direct result of feedback from our Client/Server customers, and it streamlines processes without blowing your IT budget. See it in action at our booth on Thursday at 2:30pm and on Friday at 1:30pm.

VSB Bed Board: VSB is a flexible system that enables hospitals to compile and display online lists of patients on which users can then perform an infinite number of functions. Bed Board is simply one way in which VSB can be used. If you're interested in improving bed management today, check out our VSB Bed Board demonstration on Friday at 2:30pm in our booth demo area.

RFID Wristbands and Reader: RFID is a topic you may hear about for inventory, to identify patients and even locate hospital staff. Frank Fortner, Senior VP of Application Development at Iatric Systems, will have an RFID reader and RFID-enabled wristbands at the booth, and he'll discuss what RFID might mean for your organization during his "The Chips are Coming! What RFID Might Mean for You" educational session on Friday at 3:30pm.

MobilCharge: If your staff find patient item stickers on their clothing, if they spend time manually keying patient chargeable items into the computer, or if you believe patient charge capture might be an issue at your organization and you're a MAGIC facility, check out MobilCharge. Using barcode scanning technology and handheld devices, we'll show how MobilCharge enables users to capture patient chargeable items at the point of care.

The items mentioned in this article are just a few of the new items we'll be featuring at MUSE this year. You'll find a number of other new items in the following articles. For example, check out our new **Lab Portal** in the next article ("Focus on Lab"), and hear about using the **OOO** handheld Windows XP computer to run VFS in the "Patient Safety Update" article. For a listing of all of our latest developments, pick up one of our "What's New?" brochures at our booth (#710).

[Back to Top](#)

3. Focus on LAB



We offer a variety of solutions for Laboratories, ranging from medical necessity to document imaging. This year at MUSE, our educational and demo sessions will focus on two hot Lab topics...

Results at Physician Offices:

Physician Office Integration (POI) and our **new** IatriConnect Lab Portal allow hospitals to compete with commercial labs and improve physician satisfaction. The Lab Portal will enable physicians and physician office staff to order diagnostic tests and review LAB results via the internet. The Portal can be used at physician offices even if no EMR software currently exists at that office. It is also secure, customizable, and tightly integrated with Meditech. Learn more about both products during the POI & LAB Portal demos on Wednesday at 10:00 am and again at 1:00pm. These products will also be covered briefly during the Hot Integration Topics demo on Thursday at 3:30pm.

Mobile Phlebotomy: Mobile phlebotomy continues to prove its value in advancing patient safety, but it can also help accomplish much more! On Thursday at 10:30 am in Fiesta Room 9, Linda Trask, MT (ASCP), will discuss how mobile phlebotomy can help overcome issues such as specimen receiving bottlenecks, incomplete and inaccurate documentation, and create a more productive laboratory during her ed session, "Mobile Phlebotomy - Patient Safety and Beyond". Linda will also demonstrate our MobiLab demo area on Wed at 2:00pm and again on Fri at 9:30am.

[Back to Top](#)

4. VFS Suite User Group



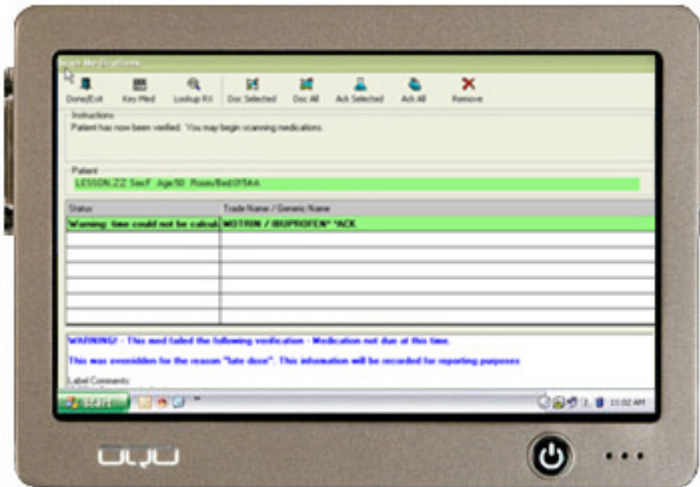
Our first annual Visual FlowSheet Suite User Group Meeting will be held on Wed, May 31st from 5:30pm - 7:00pm at the Coronado Springs Convention Center. The meeting will feature a Wine & Cheese Social combined with a display of VFS Suite Storyboards. Storyboards will illustrate creative ways in which VFS is being used - as an online MAR and for bedside medication verification, in the ICU/NICU/SICU, in Med/Surg and OB/NUR, for Oncology and in Cardiac Rehab, for teaching and for shift assessments, for long term care, etc. Users will have time to network with their peers in an informal, fun environment without consuming

their entire evening.

A few short presentations by Iatric Systems' VFS Product Managers will include a glimpse at future enhancements, as well as an introduction to and demonstration of our new iWeb customer portal, an online discussion forum for VFS and other Iatric solution users.

[Back to Top](#)

5. Patient Safety Update and More



You may remember last year's Reconciliation educational session which was hosted by Michelle Schneider, RN. JCAHO states one of its new 2006 National Patient Safety Goals is to "Implement a standardized approach to hand-off communications, including an opportunity to ask and respond to questions" (goal 2E). So this year, on Thurs at 3:30pm in Coronado B, Michelle will host an educational session focusing on Effective Communication. Topics will include using your HCIS for hand-off communications, the "Do Not Use" list, med reconciliation plus more, in order to ensure an ever safer environment for our patients.

Michelle will also be demonstrating "Using PDI & PDRx for Medication Reconciliation" on Wed at 3:30pm and again on Thurs at 1:30pm, in our booth demo area.

Our VFS Suite of applications is also improving patient safety at hospitals every day. Join us at our booth on Thurs at 8:30am to see "eMAR and Medication Verification Using VMAR/VMV". VMAR and VMV are components of VFS Suite. If you are interested in viewing a demonstration of the entire VFS Suite of applications, you can do so at our booth on Wed at 4:30pm, or on Thurs at 9:30am right after VMAR/VMV. Several of our VFS User Group Storyboards will be on display in our booth during Thurs morning's VMAR/VMV and VFS Suite demos.

At our booth, we'll also be showing how VFS Suite now operates on a handheld, fully functional XP Windows tablet that's as small as a PocketPC! Nancy Patmont, RN, will be carrying the **OQO** model 01+ ultra personal computer (shown at left), and demonstrating VFS Suite on it. OQO dimensions are 4.9" wide x 3.4" tall x 0.9" thick.

RHIOs and Other Hot Integration Topics

Iatric Systems has played a role in several RHIO projects recently. Ken Hoffman, VP of Interfaces and Integration, will discuss that role in more depth, as well as cover other ways Iatric Systems has assisted hospitals in their integration needs, during his "Hot Integration Topics of 2006" demo on Thurs at 3:30pm in our booth demonstration area. Other topics will include portal products, CPOE/MPOE, PACS interface components, integration of ED software with Meditech, and identification of PHI security violations. Ken will also host two interface-related ed sessions this year at MUSE: "HL7 Basics, More Than Just Pipes" on Wed at 2:00pm, and "Interfaces: Point to Point vs. Interface Engines" on Fri at 2:30pm.

You can find additional NPR Tips on our website at <http://www.iatric.com/information/npr-tips.asp>, as well as information about our [on-site NPR Report Writer Training](#) and [NPR Report Writing Services](#).

[Back to Top](#)

6. Iatric Systems Sessions

Session Type & Name	Num	Product	Day	Time
Educational Sessions (to be held in Conference Rooms)				
NPR Tips & Tricks – C/S Specific	372	---	Wed	10:30a
HL7 Basics – More Than Just Pipes	376	---	Wed	2:00p
Mobile Phlebotomy – Patient Safety and Beyond	345	---	Thu	10:00a
Effective Communication for Safety's Sake	373	---	Thu	3:30p
NPR Tips & Tricks for MAGIC	374	---	Fri	2:30p
Interfaces: Point to Point vs. Interface Engines	375	---	Fri	2:30p
The Chips are Coming! What RFID Might Mean for You	371	---	Fri	3:30p
Product Demos (to be held at Iatric Systems Booth Number 710)				
Physician Office Integration & <i>new</i> IatriConnect Lab Portal	---	POI/Portal	Wed	10:30a
Physician Office Integration & <i>new</i> IatriConnect Lab Portal	---	POI/Portal	Wed	1:00p
Mobile Phlebotomy with MobiLab	---	MobiLab	Wed	2:00p
Medication Reconciliation with PDI & PDRx	---	PDI/PDRx	Wed	3:30p
VFS Suite – The Smart Choice for Patient Assessment & Documentation	---	VFS Suite	Wed	4:30p
eMAR and Medication Verification with VMAR/VMV	---	VMAR/VMV	Thu	8:30a
VFS Suite – The Smart Choice for Patient Assessment & Documentation	---	VFS Suite	Thu	9:30a
PHI Security with Security Audit Manager (SAM)	---	SAM	Thu	11:00a
Medication Reconciliation with PDI & PDRx	---	PDI/PDRx	Thu	1:30p
Introducing C/S Link				
Hot Integration Topics 2006	---	Interfaces	Thu	3:30p
Mobile Phlebotomy with MobiLab	---	MobiLab	Fri	9:30a
PHI Security with Security Audit Manager (SAM)	---	SAM	Fri	11:00a
Introducing C/S Link				
Using VSB for Bed Board Management (<i>new</i>)	---	VSB	Fri	2:30p

[Back to Top](#)

7. Tuesday Trainings



Morning Workshops

- 701 – MAGIC **Hands-On** Beg NPR Report Writer (with Joe Cocuzzo)
- 702 – C/S NPR Reports – Ask the Experts (with Phil Sherry)
- 704 – Understanding Ethernet and TCP/IP (with Mike DeVoe)
- 707 – Intro to Clinical Rule Writing (with Jason Medeiros)
- 708 – Building a CDS – the Basics (with Michelle Schneider, RN)

Afternoon Workshops

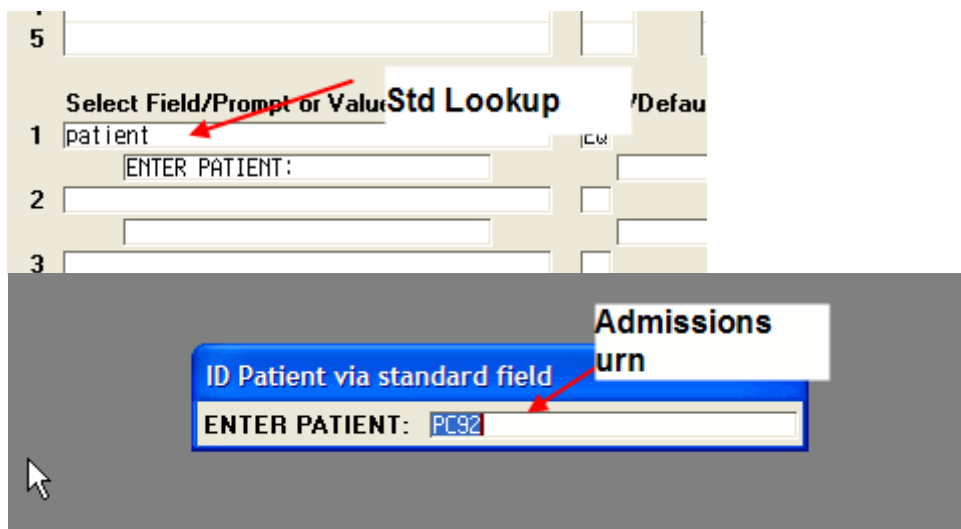
- 801 – C/S **Hands-On** Beg NPR Report Writer (with Phil Sherry)
- 802 – MAGIC NPR Reports – Ask the Experts (with Joe Cocuzzo)
- 804 – NPR Fragments (with Joel Berman)
- 807 – CDS Attributes (with Jason Medeiros)
- 808 – NUR Dictionaries – Build a Solid Foundation (with Michelle Schneider, RN) ****3.8 Nursing CEUs!**
- 809 – NPR Application Development 101 (with Frank Fortner)

[Back to Top](#)

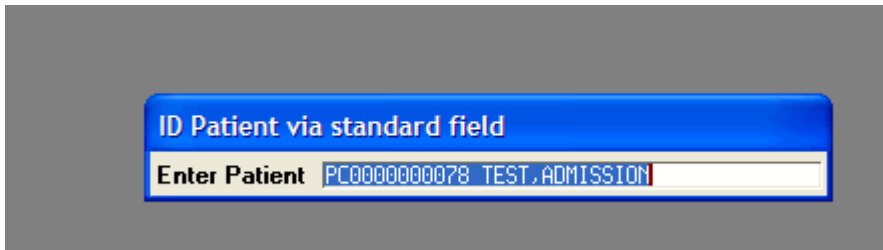
8. NPR Report Writing Tips

NPR Tip, better patient ID behavior (Magic and C/S 5.5)

Standard lookup functionality in NPR reports often falls short of what is desired. For example: if you use the @patient field as a selection in an NUR.PC.WORK report, you get the patient lookup behavior that users expect (identify patient by name, unit number, or account number), but after a patient is selected, the admission's urn is left at the prompt. This is confusing.

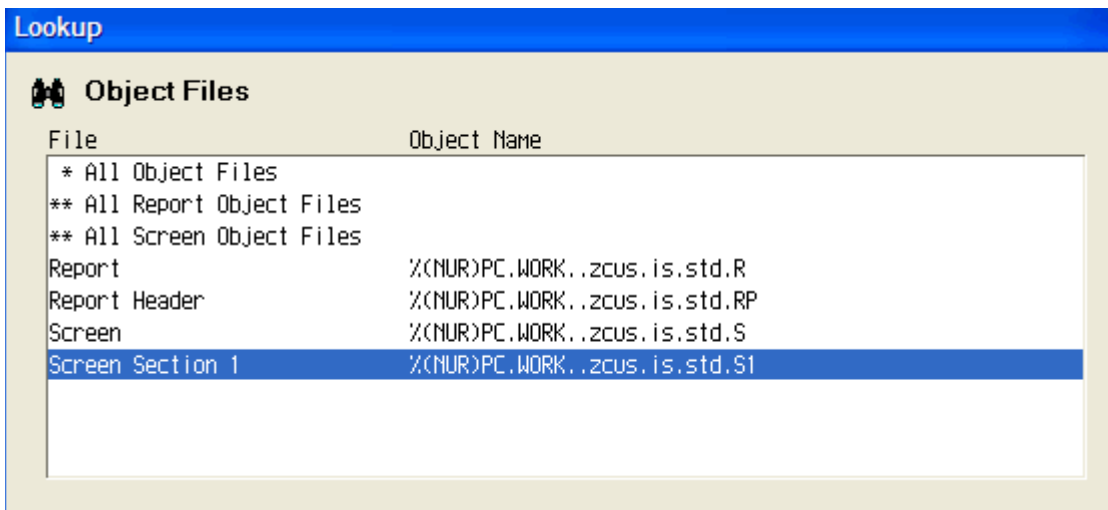


It would be better if more useful data such as account number and name was left in the ENTER PATIENT: prompt, like so:



To accomplish this, we can use the EDIT ELEMENTS option in process reports and create our own ID program that will return the account number and name, while saving the admission's urn in a slash variable for use by the report for selection. The EDIT ELEMENTS has been in magic since about 4.8, it is added in C/S for 5.5. Note: in C/S, a full translation (translate option from process) removes all custom attributes without any warning. This does not occur in Magic.

First we need to create a report using a selection on the standard field, then look at the object code of the screen to see which ID program gets called by the report. In C/S you can do this from the list object code option in Process Reports. In Magic, you would need to go into the "Front End" and use the "E" option to view the object code of the report screen.



```
DO{%(Z)scrn.read(A,B,C,D,{ "N", "", 0, 19, 30})^{A,G,MOUSE,MESSAGE},A^B,
  IF{/Z=9 13^/Z:/Z}^t,
  IF{A'=C!(t=145) IF{%(NUR)PAT..id(A,"URN","AR", "")^A, IF{'A:P(0,19,A^G
IF{A_D'=(C_D) B^/c.patient},
IF{G=A!'G:P(0,19,A:30L)_P(0,19)^#},
IF(MOUSE1=1) IF(MOUSE11=000,MOUSE111=000,MOUSE1111=
```

We see that the program %(NUR)PAT..id(A,"URN","AR", "") will do what we want. In the object code in C/S, the program is seen in "internal" format, so we need to convert it to an external name in our macro.

Magic object code:

```

'/Z 146 Magic Screen Object
code
/Z>t,
IF{A'=C!(t=144)!(t=166) IF{IF{t=166 IF{/Z.field.acc("S",Q(2-/.P,19),Q("FRE
/NUR.PAT.id.color(A,"URN","BR")>A,IF{'A;P(2-/.P
.A:0S/0>A>B,(A="?")!'A /Z.fmw("Free Text (no '
IF{A_0'=(C_0) B>/c.patient},

```

Add a macro to the report called "id". The macro calls the standard program, stores the admission's urn in the local variable patient and also stores it in the slash variable /URN.

```

Program Editor
Editing: NUR.PC.WORK.zcus.is.id.patient.M.id Mode: NPR CUSTRW SRC
/NUR.PAT.id(A,"URN","AR","")>patient>/URN,
@patient's.acct.number_" "_@patient's.name;

```

Next we change our report selections so that the patient field is a hardcoded select against the slash variable /URN, and a new "IG" selection is done against a 41 character free text field:

Select Field/Prompt or Value	Oper/Default or Keyword
1 xx.patient Enter Patient	IG
2 patient /URN	EQ
3	
4	

The approach in magic is identical, except that the "id" macro is set up as follows:

```

Enter/Edit Macro Logic: NUR.PC.WORK.zcus.
/NUR.PAT.id.color(A,"URN","AR","")>patient>/URN,
@patient's.acct.number_" "_@patient's.name;

```

PS: The lookup program behaves the same with "AR" or "BR" as the C arguments. The first letter of this argument controls whether just (A)ctive or (I)ncative or (B)oth are shown. The "R" stands for "reject new entries".

Example reports for Magic and C/S (NUR.PC.WORK.zcus.is.id.patient) have been placed in our report library.

To provide the same functionality with the LI operator, you would need to add a loop in a start macro to convert the list of account numbers and names placed in c.xx.patient back into a list of admission's urns. This will be included in our NPR Tips and Tricks sessions for C/S (Wednesday) and Magic (Friday) at MUSE International.

C/S and Magic Examples of such reports are also already in our report library as NUR.PC.WORK.zcus.is.id.patient.li

You can find additional NPR Tips on our website at <http://www.iatric.com/information/npr-tips.asp>, as well as information about our on-site NPR Report Writer Training and NPR Report Writing Services.

[Back to Top](#)

9. Newsletter Sign-Up/Contacting Us

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[Back to Top](#)

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