



Updates!

MUSE International 2004 Edition

**e-Newsletter by IATRIC
Systems, Inc.**

May 2004

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Show Time - from Joel Berman, President

Iatric Systems has always based its solutions on direct customer feedback. What we'll be sharing at this year's International MUSE Conference will be no exception. We are fortunate to be able to operate a business that provides help to MEDITECH™ users (which we truly enjoy). Here are just some of the ways we are addressing the needs you've recently expressed:

- At Regional Conferences, you indicated you want in-depth product demos in addition to the new department-focused sessions we're hosting, so we've scheduled focused product demos at our booth in addition to the conference sessions we'll be hosting (see the schedule in article 3 for a listing of days & times).
- As a direct result of attendee feedback, and unlike past years where tips have been geared primarily toward advanced users, this year's NPR Tips & Tricks session has been crafted to



address all levels of report writers.

- We've enhanced Visual FlowSheet to include MAR documentation based on direct input from end users.
- We've added B/AR proration rules and NUR dictionary training to our I-Online Learning program.
- Patient Discharge Instructions have been ported over to Client/Server and should be available for general release sometime in the late summer / early fall.

We're also helping to make more and more "other vendor" products become available to the Meditech marketplace by working on integration directly with vendors. In fact, some of the vendors we have been working with will be located next to us and near us at the show. We hope this is convenient for you.

According to MUSE, attendance for this year's show is on target to meet or exceed expectations. We can't wait to show you the exciting new things we're working on, so be sure to stop by our booth (**number 312**). If you are not attending the show, we would still enjoy talking to you about our latest products. Please contact us anytime at INFO@iatric.com.

The following link provides more details on the 2004 MUSE International show:

<http://www.museweb.org/conferences/international.htm>

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Peace of mind. It is one of life's desires. However, being in Information Systems, it doesn't come easily. In most cases, the only time your phone rings (or pager) is when there is a problem. When is the last time someone called you to say: "I noticed MEDITECH, other applications, and all our interfaces are running great - Thanks"? Probably not recently...

Iatric Systems believes that you should not have to depend on the users to identify a down interface. Of course, our interfaces are designed to have the highest reliability, but sometimes, there are conditions beyond control that may trip the connection. One of the latest introductions to our extensive Interface portfolio is **iALERT**, which offers a service monitor layer (service logic) for additional protection to your overall HCIS architecture.

iALERT (interface alert) is quite a simple concept. It monitors your interface(s) and identifies problems automatically. In addition to watching interfaces, we can monitor Iatric Systems' applications. In most cases, iALERT will identify problems before users even notice. Once a problem is identified, Iatric Systems' support staff are notified, so the situation can be corrected quickly. iALERT also tracks the history, so you can possibly identify patterns that may lead to future problems. Think of iALERT as your system's "vital signs" monitor. The old saying goes "a picture is worth a thousand words", so a screen shot of the iALERT monitor workstation is available at the following URL: <http://www.iatric.com/img/updates/ialert.jpg>

Upon official release, iALERT will be available for current customers as part of an expanded service effort. It is currently being tested at several sites, and the results are exciting. We also intend to make it available to hospitals that wish to monitor non-Iatric Systems' interfaces and the Meditech system to help improve overall HCIS health/reliability.

iALERT is just another addition to the large portfolio of Interfaces available from Iatric Systems. For more details on our Interfaces, you can go to our new Interfaces and Integration section of our webpage here: <http://www.iatric.com/interfaces/index.asp>

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The following schedule outlines the various conference and demo sessions that will be given by Iatric Systems. The MUSE schedule is subject to change, so please refer to the official MUSE Conference Schedule supplied at registration for room information and last minute changes. We invite you to attend our sessions, and we hope you help us make each session enjoyable. We appreciate interactive sessions, so we always encourage questions and value your feedback. These sessions are designed for your benefit. This year, we hope to address more user concerns than ever.

This schedule and the [Iatric Systems' MUSE International 2004 Show Guide](#) are available at our website: <http://www.iatric.com/information/muse2004.asp>

Session Name	Num	Product	Day	Time
Conference Sessions (being held in MUSE conference rooms)				
Tools to Improve Lab Processes	560	-	Wed	11:00a
Hot Integration Topics of 2004	329	-	Wed	1:10p
NPR Tips & Tricks	327	-	Wed	2:15p
FlowSheets - Yesterday, Today and Tomorrow	323	-	Wed	2:15p
Who is Supporting the IS Department?	561	-	Wed	3:40p
Survival Guide to Interfacing in a Meditech World	328	-	Wed	4:45p
When Other Vendor Products Won't Work with Meditech	562	-	Thu	9:00a
Streamlining Registration & Business Office Processes	563	-	Thu	10:05a
Improving Processes in Nursing & Other Clinical Areas	564	-	Thu	1:30p
E-Signature - Facts vs. Fiction	326	-	Fri	1:15p
In-Depth Product Demonstrations (being held at Iatric Systems booth)				
Medical Necessity Ordermate / Medical Necessity Checkmate	-	MNO/MNC	Wed	2:15p
Visual FlowSheet	-	VFS	Wed	3:40p
Patient Discharge Instructions / Physician Discharge Prescriptions	-	PDI/PDRx	Wed	4:45p
Security Audit Manager	-	SAM	Thu	11:10a
Medical Necessity Ordermate / Medical Necessity Checkmate	-	MNO/MNC	Thu	2:35p
Visual FlowSheet	-	VFS	Thu	4:00p
Visual FlowSheet MAR Enhancements	-	VMAR	Fri	9:30a
Patient Discharge Instructions / Physician Discharge Prescriptions	-	PDI/PDRx	Fri	11:05a

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4 Partners Attending the Show

Iatric Systems integrates and interfaces more than 100 "other" vendor software systems into the Meditech™ HCIS. We are committed to helping deliver solid and timely applications to the Meditech marketplace.

Here are some of the other vendors that will be attending the MUSE show (please refer to the official MUSE documentation for booth numbers or company profiles):

- MercuryMD
- IntelliDose (by IntrinsicQ)
- ISSolutions
- mTuitive
- QAS
- PHG Technologies
- Bridge Medical
- Care Fusion
- Patient Care Technology Systems (PCTS)

To learn more about our partnerships, or if you offer something unique for Meditech users and would like to discuss the opportunity of a partnership, please go our partner page: <http://www.iatric.com/about/partnerships.asp>

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5 NPR Report Writing Tip(s): ADM lookups / Bug or Feature?

The Magic NPR Report writer allows you to attach custom attributes to selection fields, using the EDIT ATTRIBUTES routine. For example, you can attach an FCL to a field to error check input and reject certain entries.

Unfortunately, it turns out that attaching an FCL to the field "urn" in an ADM.PAT report to do some error checking causes the lookup to stop working. It is possible to work around this problem, and in doing so, you can see how to control the ADM patient ID program to provide custom lookups and constrain the user to certain patient types.

Take a simple report to print Mother/Baby armbands, where the user should only select a newborn at the "ENTER BABY" prompt.

A "normal" lookup when you do a selection on urn, allows the user to select any patient:

Name	Account #	Status	Date	Location	Unit #
1 ABEL SR, DAVID ALLEN	U00000006940	PRE RCR	03/22/04	HOM	M000000356
2 ADKINS, AARON	U00000006908	ADM IN	03/05/04	335-W	M000000364
3 AHLHARDT, ALICE LORRAINE	U00000006957	PRE RCR	03/22/04	HOM	

When you add an FCL to the urn field to restrict input to newborns:

```
A)tributes D)description? A          <esc> - to exit editor
FCL1=@Not(@mothers,urn[@acct,index[A]])
FCL1A=@W,err("Not a Newborn")
IFE=1
REQ=1
█
```

The lookup "breaks" and no patients can be selected:

Name	Account #	Status	Date	Location	Unit #
ABEL SR, DAVID ALLEN	U00000006940	PRE RCR	03/22/04	HOM	M000000356
ADKINS, AARON	U00000006908	ADM IN	03/05/04	335-W	M000000364
AHLHARDT, ALICE LORRAINE	U00000006957	PRE RCR	03/22/04	HOM	

If you remove the FCL attribute, the lookup is "fixed". What is happening?

It turns out that when you use urn as a select field, the screen translator correctly sets up an ID.ARG=ALL attribute. This causes ADM.PAT.id.color to allow selection of any

patient.

When you attach the FCL attributes, the screen translator adds an ID.ARG=AR. This would be correct for most Meditech ID routines (A = Active, R = Reject new entries). However for the ADM.PAT.id.color routine it causes all accounts to be unavailable.

You would expect that you could just edit the ID.ARG value to restore ID.ARG=ALL and this would fix the problem. Unfortunately, the screen translator will not allow you to change the ID.ARG attribute, and it changes your fix "ALL" value back to "AR".

There are two solutions. One is to delete the ID.ARG attribute completely. This will fix the lookup, but leave your FCL attribute.

Another solution is to call the ADM.PAT.id.color program yourself, and pass in a D argument to control the types of patients that can be selected.

```
A)attributes D)description? A          <esc> - to exit
FCL1=@Not(@mothers,urn[@acct,index[A]])
FCL1A=@W.err("Selected Patient is not a Newborn")
ID=%ADM.PAT.id.color(A,"","","ALL IN")
IFE=1
REQ=1
```

The D argument to ADM.PAT.id.color is used against a "status map" in the ADM parameters, so you can pass in other values to have custom restrictions:

ALL = All patients

ALL IN = All inpatients

ALL ER = All ER patient

PRE IN = PRE IN or SCH IN

Patient Lookup By Name						
Name	Account #	Status	Date	Location	Unit #	
TEST,MC	U00000006841	SCH CLI	03/03/04	LAB	M000000138	
TEST,MC	U00000006833	REB CLI	03/03/04	LAB	M000000138	
1 TEST,PATIENT	U00000006858	ADM IN	03/04/04	404-W	M000000359	

The complete listing of the status map is available via the report ADM.PARAM.zcus.is.status.map which is in our report library. Please note that our new website has information about our [on-site NPR Report Writer Training](#) and [NPR Report Writing Services](#). You will find additional NPR tips located at <http://www.iatric.com/information/npr-tips.asp>

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6 Subscribing / Contact Us

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Or you may visit our website at www.IATRIC.com

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You may always reply to this Newsletter with questions or comments. However, if you would like to contact someone directly, please feel free to contact one of the names listed below.

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