



Updates!

e-Newsletter from Iatric Systems, Inc.

January, 2005

In this issue:

(click title to jump directly to article)

[Joel's MUSEings](#)

[Improve Patient Safety with Mobile Phlebotomy](#)

[Union Hospital Improves Physician Satisfaction](#)

[Webcasts: Security Audit Manager \(SAM\)](#)

[Vital Stats on Iatric Systems Staff](#)

[NPR Report Writing Tips](#)

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

1. Joel's MUSEings

Joel's MUSEings

Joel Berman, President



We begin 2005, our 15th year, with great excitement at Iatric Systems. We have several new products lined up for 2005. We soon will be releasing Iatric MobiLab, next in a line of products that improve patient safety, and you can read more about it below. We also are continuing to increase our staff and develop new tools to handle the popular demand for all of our interface products.

In addition to new items, I'd also like to go back to basics. Iatric Systems provides innovative, affordable products and services along with exceptional service to Meditech customers. This has been our core business and will continue to be. Since Meditech customers are our primary focus, accordingly, it is in our best interest for Meditech to succeed and be profitable. Let me repeat that – we want Meditech to be a successful company. We believe when Meditech does well, we will have lots of clients who will want our products and services.

Still, no one vendor can provide every possible solution a hospital needs. We have had numerous customers thank us for filling a need Meditech didn't, and for creating competition that eventually resulted in Meditech providing enhanced functionality at less cost. A perfect example of this is Pyxis interfaces. Meditech originally sold Pyxis interfaces that were significantly more expensive than ours, yet lacked important features that ours provided. Since then, Meditech has improved their Pyxis interfaces and decreased their price significantly. Now when customers ask us if we offer Pyxis interfaces, we often suggest they first consider Meditech unless they need custom functionality.

We continue to create other innovative solutions, and when we think Meditech's software is lacking, we continue to reserve the right to create competitive products or to express our view on what is lacking. My hope for the upcoming year is that Meditech will realize that all of us, including vendors and MUSE, have a common goal to make Meditech customers happier with their systems and improve health care. We all win when this happens.

[Back to top](#)

2. Improve Patient Safety with Mobile Phlebotomy

Is your organization interested in reducing specimen handling errors and improving patient safety? Take a step towards accomplishing these goals with Iatric Systems' most recent development – **Iatric MobiLab (IML)**.



IML brings positive patient identification, positive specimen identification and specimen label printing to the bedside. It has been designed to increase the productivity of your phlebotomy and nursing staff, while reducing patient ID and specimen labeling errors.

Some of the benefits of IML include:

- ✓ Positive patient ID via barcode technology
- ✓ Bedside label printing to reduce labeling errors
- ✓ Positive specimen ID to further reduce labeling errors
- ✓ Real-time wireless connectivity designed to reduce unnecessary venipunctures
- ✓ Automatic and immediate notification of stat draws
- ✓ Streamlined specimen receiving

IML is currently in beta testing, and general release of IML is expected in Q1 of 2005. Be sure to check out February's Updates! newsletter for a list of public Webcast dates when you will be able to see IML on-line and in action, or find out more via e-mail at info@iatric.com.

[Back to top](#)

3. Customer Spotlight: Union Hospital Improves Physician Satisfaction



More than 250 physicians are associated with Union Hospital, a full-service community hospital based in Elkton, MD. Many of these physicians will soon be able to access patients' Meditech laboratory, radiology and departmental reports directly via their own physician office EMR software systems, using Physician Office Integration (POI) from Iatric Systems.

When asked why the hospital chose POI, Union's HIS Applications Analyst, Kay Down, said, "Physicians wanted the same features that independent labs were offering them – the ability to pass laboratory results directly into the physician office's EMR software. With POI, we can go one step better and integrate physician office EMR systems with not only laboratory results, but patients' radiology and departmental reports as well. Physician satisfaction has already improved, and we feel that this is a significant step for us in becoming the provider of choice in our community." Using POI to transfer patients' Meditech results to their [MedCom Welford Chart Notes](#) EMR system, staff at the first live physician office have already reported a savings of up to 4 hours a day.

Four additional physician offices are scheduled to go live with POI in 2005. Other physician office EMR systems scheduled to be integrated with Meditech patient results include [Misys](#), [ChartWare](#) and [AllMeds](#).

Iatric Systems has also made it possible for Meditech to receive orders directly from physician office EMR systems. Union Hospital indicates this supports improvements in patient care, since physicians will have an electronic record that the test has been ordered. Patient safety will also improve with the reduction or elimination of verbal orders. This functionality is also scheduled for go-live in 2005.

Kay plans on hosting an educational session related to physician office integration at this year's [International MUSE Conference](#) in Las Vegas, NV. Kay indicated, "Iatric Systems' support has been wonderful. We have IatriScan, Medical Necessity Ordermate, Event Notification, and the POI interface. I've worked with many individuals at Iatric Systems, and everyone has gone out of their way to assist us."

POI is available to Meditech [Magic](#) and [Client/Server](#) sites.

[Back to top](#)

4. Webcasts: Security Audit Manager (SAM)

[All covered healthcare providers must be in compliance with the HIPAA Security Rule no later than April 20, 2005.](#) Is your organization compliant yet?

Security Audit Manager (SAM) from Iatric Systems provides IS staff with secure, plug-n-play access to all user and patient access activities without expending unnecessary Meditech system storage or IS staff time. Attend one of our winter Webcasts (dates below) to see SAM in action and learn how SAM can help your organization comply with the HIPAA Security Rule (US) or other federal/provincial privacy legislation (Canada, UK, etc.).



Webcasts are open to all hospitals operating the Meditech HCIS, and they are provided by Iatric Systems at no charge. Webcast dates and times are below:

Webcast Date	Day	Time
01/25/2005	Tuesday	2:00 pm Eastern
01/27/2005	Thursday	2:00 pm Eastern
02/02/2005	Wednesday	2:00 pm Eastern

To register, simply click on the session date, and please be sure to include your **name, phone number and hospital name**. We'll promptly send you registration confirmation and instructions on how to participate.

[Back to top](#)

5. Vital Stats on Iatric Systems Staff



A little over three years ago, when Iatric Systems had roughly 20 employees, we published a newsletter article that outlined our staff's experience. Now that we've grown to over 60 employees, we thought it would be interesting to recheck our "vital stats" to see how we've grown. Hope you'll find this information as interesting as we did!

The following "vitals" were taken from our entire staff:

- ✓ Average number of years in Healthcare = **14.5 years**
- ✓ Average number of years experience with the Meditech HCIS = **10.4 years**
- ✓ Total combined years of NPR report writing experience = **442 (yes, that's correct, 442!)**

The following "vitals" were taken specifically from our NPR Report Writer group:

- ✓ Number of NPR programmers on staff = **10 employees**
- ✓ Total combined years of NPR report writing experience = **105 years**

- ✓ Average number of years NPR report writing experience = **10.5 years**

Of our 62 Iatric Systems employees, 22 have over a decade of NPR experience, too many to list here by name. Chuck Waterbury boasts the greatest number of years in healthcare (40), followed at 35 years in a three-way tie by Buddy Bergeron, Jim Fahnestock and Jim Reeder.

It appears Iatric Systems' staff remains in good health!

[Back to top](#)

6. NPR Report Writing Tips

Utility to find babies from mother's record

(Magic and C/S)

Most NPR report writers understand that a field in a newborn's ADM.PAT record (@mothers.urn), allows you to show a mother's data on a report listing a baby's data.

To go from the mother's record to that of her baby or babies is a little more involved. Since ABS has an index of mothers to babies, we'll write a utility we can call from any module to get a list of babies.

%Z.zcus.is.baby.M.get(@ADM.PAT.urn) will return:

/BABY[baby admission date, baby admissions urn]

In this way, you can deal with twins or even googletuplets.

For Magic, we will write a report in the Z DPM which will use the utility "Z.link" to open up the ABS database and use the mother's admissions urn to find the baby:

Then we can use the macro %Z.zcus.is.baby.M.get from a report (or a CDS attribute) to get a list of babies for a particular mother:

```

Enter/Edit Macro Logic: Z.zcus.is.baby.M.get (A: )

A>ABS.PAT.adm.urn,
;clean prev list,
DO<>/BABY{SUB1}>SUB " " >/BABY{SUB1},
;use current db to build ABS db, example if in ADM.COH you will link to ABS.COH,
"ABS"_"_"(0.db#"1.")>DB,
C{?S},
%Z.link("?", "ABS", "%ABS.data", DB),
;make sure translator uses ? for all ABS.PAT fields and indexes,
@Chg.prefix(ABS.PAT, :, ?),
@First(ABS.PAT.urn, @ABS.PAT.adm.urn, x) > ABS.PAT.mothers.pointer,
DO<@Next(ABS.PAT.urn, @ABS.PAT.baby, x) 1>/BABY{@ABS.PAT.adm.date, @ABS.PAT.adm.urn},
C{?U},
EXIT;

```

To use this in a report, you could call the Z program, then use an MV array to print the information from the baby or babies records.

```

Enter/Edit Macro Logic: ADM.PAT.zcus.is.test.baby.utility.M.detail (A: )

/Z,zcus.is.baby.M.get(urn),
"">DOB,
DO{+/BABY[DOB]>DOB "">URN,
DO{+/BABY[DOB,URN]>URN 1,
DOB>/MV["D",CNT+1>CNT,2],
@name[URN]>/MV["D",CNT,3]}
    
```

Call our utility, pass adm.urn as A

Build MV field of babies DOB and name

Remember, to move reports written in the "Z" dpm, (for Magic or C/S), you must use "MIS" as the application when moving them from one directory/ring or another.

```

Move Menus And Reports

Segment      A
Directory    TEST.MIS
Application  MIS

Menus

Reports
Z.zcus.is.baby
    
```

Use MIS as application

To move "Z" reports

In C/S the Z utility is coded a bit differently. We will use a call to Z.rw.fragment with no "A" argument to open the ABS database. Since prefixes are unique and unlimited in C/S, we do not need to worry about saving or restoring them in our reports.

```

Editing: Z.zcus.is.baby.M.get Mode: NPR.CUSTRW.SRC
"ABS" _ _ (@.db#"1,"">DB,
/Z.rw.fragment("",DB),
A+ABS.PAT.adm.urn,
@first(ABS.PAT.urn,@ABS.PAT.adm.urn,x)+ABS.PAT.hothers.pointer,
DO{@next(ABS.PAT.urn,@ABS.PAT.baby,x) 1,
1+>BABY[@ABS.PAT.adm.date,@ABS.PAT.adm.urn]},
EXIT;
    
```

Use Z.rw.fragment to open ABS

The sample report is almost identical:

```
Program Editor
Editing: ADM.PAT.zcus.is.test.baby.util.M:detail Mode: NPR CUSTRW SRC
/Z,zcus.is.baby.M.get(@urn),
DO(+>BABY[DOB]>DOB, "">URN,
    DO(+>BABY[DOB,URN]>URN 1,
        DOB->R.MVE"D",CNT+1->CNT,21,
        @name[URN]>R.MVE"D",CNT,31}}
IR.MV
```

```
RUN DATE: 01/05/05 Medical Center ADM **TEST** PAGE 1
RUN TIME: 2147 Test baby matching utility
Mother Babies Name
IATRIC.MOM 01/05/05 IATRIC.BABYA
01/05/05 IATRIC.BABYB
01/05/05 IATRIC.BABYC
```

NOTE: Z.rw.fragment will not return any info if the user does not have access to the ABS module.

It would probably be more useful to include a birth time in the /BABY[] structure for use in a CDS attribute, where the definition of BABYA and BABYB is determined by birth order.

The Z report and ADM report have been uploaded (Magic and C/S versions) to our report library on our website.

[Back to top](#)

7. Newsletter Sign-Up/Contacting Us

[Sign up for our Updates! newsletter](#), or do so by visiting the lower right section of our website's [homepage](#).

You may also request to discontinue receiving our newsletter by sending us an e-mail at info@iatric.com.

If you've received this newsletter via e-mail, you may give us feedback by simply replying to the e-mail. However, if you would like to reach someone directly, please feel free to contact one of the individuals listed below.

Joel Berman, President, 978-805-4101, JoelB@iatric.com

John Danahey, Vice President of Sales & Support, 978-805-4153, JohnD@iatric.com

[Back to top](#)

27 Great Pond Drive, Boxford, MA 01921

Copyright 1996-2005, Iatric Systems, Inc. – All rights reserved –