

Network News

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JUNE 2014

THE ATHLETIC TRAINING PRACTICE-BASED
RESEARCH NETWORK
(AT-PBRN)

AT-PBRN Update

Greetings AT-PBRN Members!

We hope you are enjoying some downtime during the summer, as it is well deserved. It has been awhile since we have distributed a newsletter, but the delay has been all for good reason. We have been working hard over the past year and are very excited to introduce the re-developed electronic medical record (EMR) to you. This re-developed EMR will officially launch **July 8, 2014**, so please be on the look out for more information coming to you very soon. Additionally, we have some new educational offerings from the AT Program at A.T. Still University that we would like to share. In this newsletter, you will find:

- ◆ *A historical perspective of the EMR from our EMR Manager, Mr. Barton Anderson*
- ◆ *A few screen shots of what the new EMR interface will look like*
- ◆ *An introduction to upcoming educational offerings that will be available at A.T. Still University*
- ◆ *A list of upcoming AT-PBRN presentations at the 2014 NATA Annual Meeting in Indianapolis*

Each year, the AT-PBRN continues to grow and more clinicians across the country are becoming AT-PBRN members, just like you! We want to take a minute to thank you for your time and effort as an AT-PBRN member, and we are excited to see the continued growth throughout the upcoming year!

Enjoy your summer and look for us in Indianapolis!

Tamara



find us on
Facebook

To receive update-to-date information regarding the AT-PBRN, check out our Facebook Page:

Athletic Training Practice-Based Research Network

Call for Proposals!

Do you have something interesting to share with the other members of the Athletic Training Practice-Based Research Network? Would you like to write a short article for the next newsletter? Potential topics could include:

- ◆ Research updates for your clinical practice site or institution,
- ◆ Clinical case studies or case series reports,
- ◆ Academic or research achievements of students or faculty,
- ◆ Other information relevant to members of the AT-PBRN.

AT & PBRN
Athletic Training Practice Based Research Network

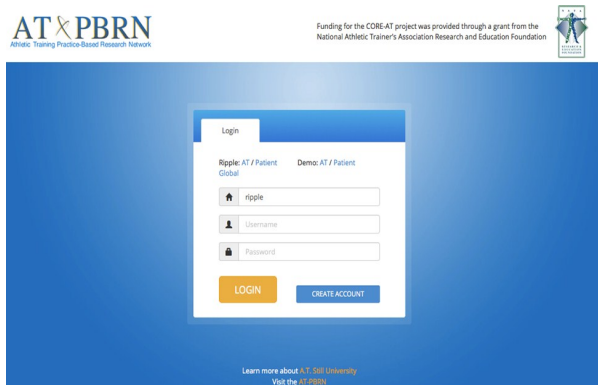
With ideas, please contact Cailee Welch, Assistant Professor of Athletic Training at A.T. Still University, at cwmccarty@atsu.edu or 480.219.6178 by 08/15/14

A Historical Perspective of the AT-PBRN's Electronic Medical Record (EMR)

Written By: Barton Anderson, MS, ATC

When I started at ATSU in July of 2008, I was immediately recruited to spearhead the development of the initial electronic medical record (EMR) system for the soon to be AT-PBRN. At that time, the vision was to create an online EMR, utilized by dozens of clinical sites and clinicians across the country, to produce real clinical data to improve patient care and the practice of athletic training. It was a lofty goal, and I don't think anyone knew the exact trajectory that we would take to get there.

The system officially launched in the Fall of 2009, and consisted of a generic injury demographic and injury evaluation form, a daily treatment form, discharge form, and auto generated outcome forms. It was simple, but accomplished the basic needs for patient care documentation. From that initial version, many changes have been made to improve usability and functionality, beginning with the addition of a concussion specific evaluation and treatment module in the Fall of 2010.

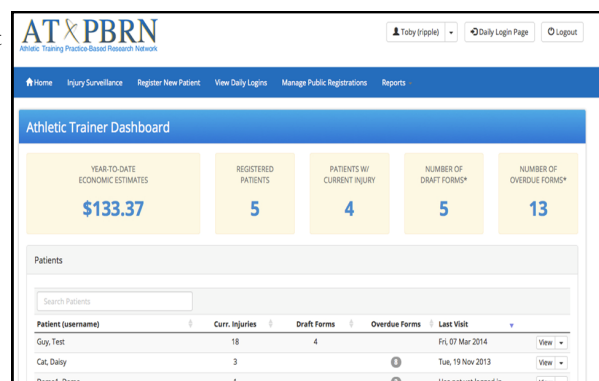


New Clinician Log-In Page

The daily login module was also added at this time, improving the ability of clinicians to track all of their athletic training services, including prevention, maintenance, and performance enhancement services. By the spring of 2011, another host of improvements were implemented, including region specific evaluation forms, patient self-registration, file uploads, and patient notes. The following year, clinician-based reports were added, including the tracking of economic value of services and an injury status report.

Through all of the EMR upgrades, the AT-PBRN has been focused on making system improvements based on the feedback of the AT-PBRN clinicians and EMR users. Your feedback has helped us grow and develop the EMR from a simple, four-form documentation system, to a comprehensive athletic training patient care documentation tool. I would like to thank all of our AT-PBRN clinicians who have taken the time over the last several years to provide regular and thoughtful feedback on how the EMR can be improved. I extend special thanks to those clinicians who use the EMR regularly, taking the time to improve their clinical practice AND contribute to the mission of the AT-PBRN. The success of the system has always been dependent upon its users.

On that note, I am excited to be able to announce perhaps the most significant changes to the system since the implementation of the daily login module. Last summer we received approval for internal ATSU budget requests for re-development of the EMR, from the current Flash based format to an HTML based system. One of the most common requests from clinicians across the country over the last five years has been the ability to use the EMR on mobile devices such as iPads and tablets. The initial version of the system was not compatible with iOS based devices because it required Flash technology. The re-development planning began last fall and has continued through the year to produce not only an EMR system that will run on mobile devices, but also a complete overhaul of the look and feel, usability, and functionality.



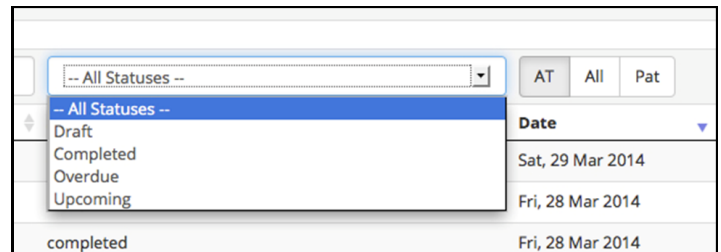
New Clinician Dashboard

The new EMR is now compatible with tablets & smartphones!

Here's A Sneak Peak of the Re-Developed EMR

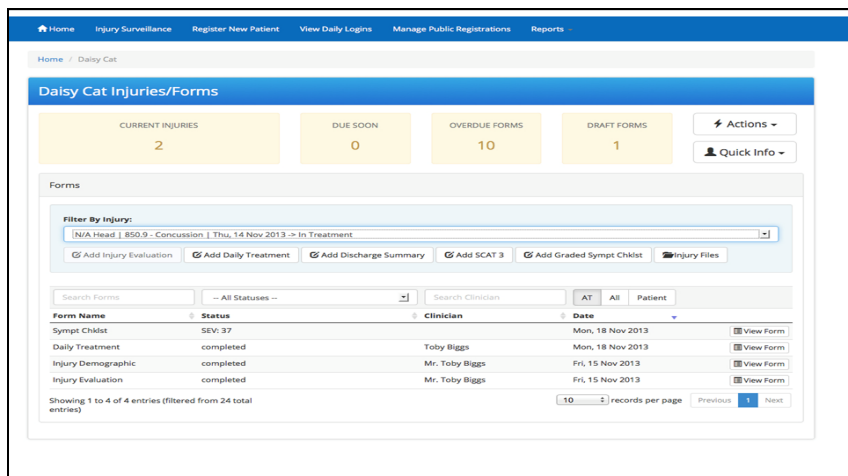
As we worked through the EMR re-development, we were able to take all of the clinician feedback that we have collected over the last five years and implement upgrades in order to improve the functionality of the system. Just a few of the highlights of the new system include:

- ◆ Addition of a clinician dashboard that provides quick reference statistics about the clinical sites AT services, including economic estimates, current number of patients, and overdue/incomplete forms.
- ◆ Ability to search the system for incomplete or overdue forms.
- ◆ Expansion of patient categories to include recreational and industrial settings
- ◆ Ability to archive patients
- ◆ Importing of height and weight from patient registration
- ◆ Copying of previous day's treatment exercises
- ◆ Changes to the overall look of the system



Search Option for Incomplete or Overdue Forms

*The re-developed
EMR will launch
July 8th, 2014*



Overall Look of the Clinician Main Page

The new and improved version of the EMR is scheduled to go live on **July 8th, 2014**. We are currently updating the EMR user manual and training videos, and these will be available to all AT-PBRN clinicians before the official launch of the system. Our goal is to make the transition as smooth as possible and to get clinicians up to speed on the new features before the start of the fall sports season.

Over the last five years the EMR has been used by more than 70 clinical sites from 15 states. These clinicians have produced actual clinical data that has allowed the AT-PBRN to move forward in its research endeavors, including the publication of several peer reviewed papers, numerous abstracts, and national grant funding. The last five years have seen a huge number of changes in the EMR and success within the AT-PBRN. I cannot wait to see what the next five years bring.

Barton Anderson

AT-PBRN EMR Manager

A.T. Still University is Proud to Introduce the Doctor of Athletic Training Online Degree Program

A.T. Still University is proud to announce the launch of the Doctor of Athletic Training (DAT) degree, among the first programs of its kind. With its distinctive curriculum and recognized faculty, the DAT develops clinical and academic leaders who will shape the future of athletic training with practical solutions to improve the delivery of athletic healthcare and the health outcomes of physically active individuals and their communities.

For more information about the Doctor of Athletic Training program, please visit: www.atsu.edu/DAT



Be among the first

With the Doctor of Athletic Training degree online.

Help lead the evolution of athletic training in clinical as well as academic settings. Advance your expertise in orthopedic rehabilitation, clinical decision-making and professional leadership, while working with our nationally-recognized faculty and creating key relationships moving forward. All backed by the extensive resources of a leading health sciences university.

Place yourself at the forefront of your profession and help shape its future.
www.atsu.edu/DAT



Additional Educational Offerings from A.T. Still University: Graduate Certificate in Clinical Decision Making in Athletic Training

About the Program

Alongside the Doctor of Athletic Training online degree program, the Athletic Training Program at A.T. Still University is pleased to offer a Graduate Certificate in Clinical Decision Making in Athletic Training. This Graduate Certificate is an **online program** providing advanced instruction in evidence-based practice, patient-oriented outcomes, health information technology, and quality improvement and patient safety. The purpose of the program is to prepare practicing athletic trainers and athletic training educators with clinical decision-making skills that can enhance the quality of effectiveness of patient care. The online course format is ideal for busy working professionals, and students are free to set the pace of program completion. The Graduate Certificate **can be earned in as little as two quarters (24 weeks)** or over a longer period of time to accommodate individual student needs.

Courses completed in this 12 credit hour certificate program can be used to fulfill the Board of Certification (BOC) continuing education requirements by earning Level II-Category C: Post Certification College/University Coursework credit.

Courses

- ATRN 7110: Quality Improvement and Patient Safety (3 QH)
- ATRN 7120: Evidence-Based Practice (3 QH)
- ATRN 7130: Patient-Oriented Outcomes (3 QH)
- ATRN 7140: Health Information Technology (3 QH)

Program Outcomes

Upon completion of the AT Graduate Certificate in Clinical Decision Making, students will be able to:

- ◆ Practice and/or teach athletic training in a manner that integrates clinical experience, patient values, and the best available evidence
- ◆ Employ and/or teach clinician-based and patient-based clinical outcome measures to determine the effectiveness of athletic training services
- ◆ Utilize and/or teach healthcare informatics and technology to communicate, manage knowledge, mitigate error, and support decision-making in athletic training practice



*For more information about the Graduate Certificate, please visit:
<http://atsu.edu/AT-Grad-Certificate>*

AT-PBRN Presentations at the 2014 NATA Annual Meeting

This year, the AT-PBRN will have its largest representation to date regarding Free Communication presentations. We are excited to report that six AT-PBRN abstracts were accepted for presentation during the 2014 NATA Annual Meeting. If your schedule allows, please stop by the presentations list below. Please also look for several other free communication abstracts from AT-PBRN members.

Thursday, June 26th:

Oral Presentation(s)

Session: Factors Associate with Concussion Recovery

Kostishak, N, Lam K, Anderson B, Welch C, Valovich McLeod TC. Treatment Characteristics and Return-To-Play Timelines Following Sport-Related Concussion: A Report from the Athletic Training Practice-Based Research Network.

Friday, June 27th:

Thematic Poster(s)

Session: Characterizing Clinical Practice and Use of Patient Outcome Measures

Lam K, Welch C, Valovich McLeod TC. Treatment Characteristics and Estimated Direct Costs of Care Provided By Athletic Trainers for Lower Extremity Injuries: A Report from the Athletic Training Practice-Based Research Network. Time: 10-11:30am, Room: 203/204

Fayson S, Lam K, Valier A, Valovich McLeod TC. The Impact of Sport and Sex on Sport-Related Injury Patterns: A Report from the Athletic Training Practice-Based Research Network. Time: 10-11:30am, Room: 203/204

Stobierski L, Valier A, Lam K, Anderson B, Welch C, Valovich McLeod T. Athletic Training Services Provided During Daily Patient Encounters in the Secondary School Setting: A Report from the Athletic Training Practice-Based Research Network. Time: 10-11:30am, Room: 203/204

Saturday, June 28th:

Oral Presentation(s)

Session: Youth Wellness

Valier A, Bay C, Welch C, Sauers E, Valovich McLeod T. Single-Item Measures of Outcome Improve During Recovery in Adolescent Athletes Suffering from Musculoskeletal Injuries: A Report from the Athletic Training Practice-Based Research Network. Room 243

Session: Quality of Life After Lower Extremity Injury

Welch C, Valier A, Bay C, Sauers E, Tamara TC. NATA Adolescent Athletes Demonstrate Rapid Improvement in Health-Related Quality of Life Following Sport-Related Injury: A Report from the Athletic Training Practice-Based Research Network. Room: 203/204

The AT-PBRN will have its largest representation to date at this year's 2014 NATA Annual Meeting!

AT-PBRN Advisory Board Member Presentations at the NATA Annual Meeting

Alongside the representation of the AT-PBRN in the Free Communications Programming this year, several AT-PBRN advisory board and other members are presenting at the NATA Annual Meeting in Indianapolis. If your schedule allows, we would love to see you in attendance.

Gary Wilkerson

Pre-Participation Screening Procedures and Estimation of Injury Risk

Saturday, June 28th - Feature Presentation (10:45-12:45pm); ICC Sagamore Ballroom 4

Timothy McGuine

Successful Subject Recruitment and Data Collection Strategies for Secondary School Settings

Thursday, June 26th - Special Topic (10:45-11:45am); ICC, Room 238

Ankle Sprain Prevention: Translating Research into Practice

Saturday, June 28th - Feature Presentation (8:15-10:15am); ICC, Sagamore Ballroom 4

Cailee Welch

Integration of Evidence-Based Practice Throughout Clinical Education [Presented with Dorice Hankemeier]

Thursday, June 26th - Evidence-Based Forum (12:30-1:30pm); ICC, Room 243

Putting the Patient First: Considerations for Selecting Patient-Rated Outcome Instruments for Clinical Research

Thursday, June 26th - Researcher's Forum (1:45-3:45pm); ICC, 500 Ballroom

Kenny Lam

Capturing the Patient's Perspective: Tips and Strategies for Incorporating Patient-Rated Outcome Instruments into Clinical Research

Thursday, June 26th - Researcher's Forum (1:45-3:45pm); ICC, 500 Ballroom

Alison Snyder Valier

Do the Results Matter? Identifying Meaningful Change When Using Patient-Rated Outcome Instruments for Clinical Research

Thursday, June 26th - Researcher's Forum (1:45-3:45pm); ICC, 500 Ballroom

Tamara Valovich McLeod

Using Your Existing Documentation to Improve Your Practice

Friday, June 27th - General Session (9:45-11:15am); ICC, Wabash Ballroom

*Aim to see these
and other talks
given by AT-PBRN
Advisory Board
Members at NATA
in Indianapolis*