

HOTLINE

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IN THIS ISSUE:

- 1. WELCOME!**
- 2. LETTERS FROM THE BOARD**
- 4. FNA CORRESPONDENCE**
- 5. NEWS**
- 5. CHAPTER SPOTLIGHT**



AS NURSING STUDENTS, WE GET THE FREEDOM TO CIRCULATE THROUGH MANY UNITS AND SEE MANY DIFFERENT KINDS OF TECHNOLOGY USED IN THE HOSPITAL. WE THINK IN EVERYDAY LIFE WE USE A LOT OF TECHNOLOGY TO GET THROUGH THE DAY - CELL PHONES, IPODS, TV, RADIOS, LAPTOPS - ANYTHING WE DO INVOLVES SOMETHING YOU HAVE TO PUT BATTERIES IN OR CHARGE UP. TAKE A MOMENT TO LOOK AROUND A HOSPITAL. OUR PATIENTS HAVE INCREASED THEIR SURVIVAL RATE WITH EVERY INCREASE IN TECHNOLOGY. WHAT DO YOU USE THE MOST? WHAT HAS MADE YOUR LIFE EASIER IN THE HOSPITAL? WHAT HELPS PATIENTS THE MOST? IT'S EXCITING THAT EVERYDAY THERE IS SOMETHING NEW BEING INVENTED TO HELP OUR PATIENTS TOO! IN THIS ISSUE, THE FNSA BOARD WOULD LIKE TO SHARE SOME OF THEIR FAVORITE TECHNOLOGIES THAT THEY HAVE ENCOUNTERED.

THE ONE THING THAT I LIKE IS THE NEW ELECTRONIC HANDHELD MARS. WHAT A GREAT WAY TO REDUCE MEDICAL ERRORS. I LIKE HOW THEY MAKE YOU FOLLOW THE STEPS OF MEDICATION ADMINISTRATION SO THERE IS NO SHORTCUT WHERE AN ERROR COULD OCCUR. THE ONLY DOWNFALL IS IN WHAT A PERSON CHOOSES TO USE FOR A PATIENT IDENTIFIER. YOU ARE SUPPOSED TO SCAN THE PATIENT ARMBAND AND NOT THEIR CHART. I AM GLAD TO SEE THAT HOSPITALS ARE IMPLEMENTING A CHANGE IN THE ARMBAND NUMBERING SO THAT IF A CHART IS SCANNED IT WILL NOT LOGIN TO THE PATIENT. THIS IS A NEEDED MEASURE BECAUSE IF SOME ARE SCANNING CHARTS AND NOT ARMBANDS THIS SHORTCUT COULD CAUSE A MED ERROR ON THE WRONG PATIENT. EXACTLY WHAT THE SYSTEM IS DESIGNED TO PREVENT! IT IS AMAZING HOW FAR HANDHELD TECHNOLOGY HAS COME.

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WHEN I WAS READING THROUGH AN ISSUE OF NATIONAL GEOGRAPHIC, I GOT INTRODUCED TO A NEW PROSTHETIC DEVICE THAT USES A PERSON'S OWN NERVE CONTROL INSTEAD OF CHIN-CONTROLLED LEVERS AND HEAVY MATERIALS. NOW THOSE WHO HAVE LOST A LIMB CAN MAINTAIN FUNCTIONALITY BY BEHAVING AS IF THEY NEVER LOST THE LIMB AT ALL! IT WORKS BY ATTACHING ELECTRODES TO NERVE ENDINGS IN THE STUB AND RE-TRAINING YOUR BRAIN TO WORK WITH THE TECHNOLOGY TO MAKE THE BIONIC ATTACHMENT MOVE. THOSE WHO HAVE USED IT SAY THAT IT'S AS IF THEY NEVER LOST A LIMB AT ALL AND THEY CAN DO THINGS JUST LIKE THEY USED TO. IT OBVIOUSLY IS STILL IN THE WORKS AND ISN'T SEEN REGULARLY IN HOSPITALS, BUT I JUST THOUGHT THE CREATION WAS SO AWESOME!

BECCA SLONE

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THE SUMMER IS HERE, FINALLY ALLOWING US NURSING STUDENTS TO MAKE MORE TIME FOR FNSA ACTIVITY PLANNING. BEGIN PLANNING YOUR GOALS FOR THE FALL SEMESTER. WHAT ARE YOUR BTN PLANS FOR THIS SUMMER? THERE ARE VARIOUS WAYS TO GET OUR YOUTHS INTERESTED IN A NURSING CAREER. A GOOD PLACE TO START IS AT ALL THE YOUTH SUMMER CAMPS AND YOUTH GROUPS. TRY CONTACTING YOUR LOCAL YMCAs, ELEMENTARY SCHOOLS, AND CHURCHES ABOUT SPEAKING TO THEIR GROUPS. MOST ORGANIZATIONS ARE ALWAYS LOOKING FOR WAYS TO FILL THEIR LONG SUMMER DAYS A BTN PRESENTATION MAY BE MORE THAN WELCOME! BALANCE OUT YOUR PRESENTATIONS AND ALSO MAKE AN IMPACT ON INCOMING COLLEGE STUDENTS. UNIVERSITIES ARE CURRENTLY HOLDING FRESHMAN ORIENTATIONS, SO TAKE ADVANTAGE! THIS IS A GREAT OPPORTUNITY TO GET THE WORD OUT TO THESE EAGER STUDENTS ASSIGN A COUPLE NURSING STUDENTS TO EACH ORIENTATION WITH A SMALL PRESENTATION READY ABOUT YOUR SCHOOL OF NURSING.

BRIDGET LINNEHAN

REGION 3 DIRECTOR/ BTN CHAIR

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TECHNOLOGY IS AN INTEGRAL PART OF OUR EVERYDAY LIVES. WEBSITES, MOBILE APPS FOR IPHONE AND OTHER CELLULAR DEVICES, AND ADVANCED SOFTWARE FOR SIMULATIONS ARE JUST A FEW OF THE TECHNOLOGICAL ADVANCES THAT WE AS NURSING STUDENTS MAY USE EVERY DAY AND NOT EVEN REALIZE THE IMPACT IT HAS ON OUR LEARNING EXPERIENCE. HAVE YOU EVER BEEN WITHOUT YOUR TEXTBOOK AND NEEDED TO KNOW WHAT A DRUG WAS USED TO TREAT OR THE SIDE EFFECTS IT MAY HAVE, SO YOU GOOGLED IT ON YOUR PHONE? TECHNOLOGY CAN INFLUENCE HIGHER EDUCATION AND MAKE IT MUCH MORE ACCESSIBLE IN TODAY'S FAST-PACED ENVIRONMENT. STUDENTS HAVE BUSY LIVES WITH MANY OBLIGATIONS OUTSIDE OF SCHOOL, SO BEING ABLE TO UTILIZE ALL AVAILABLE TIME TO STUDY HELPS BALANCE SCHOOL AND HOME RESPONSIBILITIES - STUDY A&P WHILE STANDING IN LINE, MEMORIZE DRUG FACTS WHILE AT THE GYM, AND LEARN DISEASE PROCESSES WHILE SITTING IN YOUR CAR.

DANA MCLEAN

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ONE OF THE MOST IMPRESSIVE ADVANCES IN HEALTH CARE TECHNOLOGY IS THE ELECTRONIC MEDICATION ADMINISTRATION RECORD (EMAR). THERE ARE MANY DIFFERENT COMPANIES THAT DISTRIBUTE THE EMAR SYSTEMS AND ALL OF THE SYSTEMS THAT I HAVE SEEN SO FAR PROVIDE INCREASED SAFETY MEASURES FOR OUR PATIENTS. THE MEDICATION ADMINISTRATION PROCESS USING EMAR (ACCORDING TO MEDITECH'S EMAR SYSTEM) IS AS FOLLOWS:

- **A PHYSICIAN WRITES THE ORDER, WHICH IS SENT TO THE PHARMACY.**
- **A PHARMACIST ENTERS THE ORDER IN MEDITECH AND BAR CODES THE MEDICATION AND DISTRIBUTES THEM**
- **THE NURSE VIEWS THE EMAR SCREEN AND REVIEWS THE PATIENT'S MEDICATION LIST**
- **EMAR ALERTS THE NURSE ABOUT THE NEXT DOSE DUE, OVERDUE DOSES, OR CAUTIONS ABOUT MEDICATIONS**
- **NURSE TAKES THE CART TO THE PATIENT, SCANS THE MEDICATION AND THE PATIENT'S WRISTBAND.**

AT ADMISSION TO A GIVEN HOSPITAL, ALL PATIENTS ARE GIVEN BAR CODED ID BRACELETS TO BE USED FOR IDENTIFICATION. THE NURSE SCANS A PATIENT'S BRACELET AT THE BEDSIDE BEFORE MEDICATIONS ARE ADMINISTERED. IF THE NURSE SCANS THE WRISTBAND AND MEDICATION, AND THE SOFTWARE DETECTS A MEDICATION INTERACTION, INCOMPATIBILITY OR ALLERGY, THE EMAR SYSTEM ALERTS THE NURSE. IT ALSO PROMPTS THE CAREGIVER TO CHECK CLINICAL INFORMATION RELATED TO CERTAIN MEDICATIONS.

ERIC G. POON, M.D., OF HARVARD MEDICAL SCHOOL IN BOSTON, AND COLLEAGUES CONDUCTED A QUASI-EXPERIMENTAL STUDY OF HOSPITAL ERRORS IN MEDICATION ORDER TRANSCRIPTION AND ADMINISTRATION BOTH BEFORE AND AFTER A BAR-CODE ELECTRONIC MEDICATION-ADMINISTRATION SYSTEM (BAR-CODE EMAR) WAS ESTABLISHED IN AN ACADEMIC MEDICAL CENTER. ON UNITS NOT USING THE BAR-CODE EMAR, THE RESEARCHERS FOUND A NON-TIMING MEDICATION ADMINISTRATION ERROR RATE OF 11.5 PERCENT COMPARED WITH AN ERROR RATE OF 6.8 PERCENT ON UNITS USING THE SYSTEM. POTENTIAL ADVERSE EVENTS NOT RELATED TO TIMING ERRORS WERE HALVED, FROM 3.1 TO 1.6 PERCENT WITH BAR-CODE EMAR. TIMING ERRORS IN MEDICATION ADMINISTRATION DECREASED BY 27.3 PERCENT WITH THE USE OF BAR-CODE EMAR; ADVERSE EVENTS ASSOCIATED WITH TIMING ERRORS DID NOT SIGNIFICANTLY CHANGE. ERRORS IN TRANSCRIPTION OF MEDICATION ORDERS OCCURRED AT A 6.1 PERCENT RATE ON UNITS WITHOUT BAR-CODE EMAR BUT DECREASED TO ZERO ON UNITS WITH BAR-CODE EMAR.

CAROLYN MOLLO

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I HAVE ONLY READ ABOUT, BUT LOOK FORWARD TO USING, THE NEW CLOSED IV CATHETER SYSTEMS DESIGNED TO REDUCE HEALTHCARE WORKERS' RISK OF NEEDLE STICK INJURIES AND MINIMIZE BLOOD EXPOSURE. ONE COMPANY THAT IS MANUFACTURING THIS PRODUCT IS BECTON, DICKINSON AND COMPANY. BD PRODUCT, NEXIVA™ SYSTEM IS DESIGNED TO REDUCE INSERTION ATTEMPTS AND LIMIT HEALTHCARE WORKERS' EXPOSURE TO BLOOD WITH ITS INNOVATIVE BLOOD-CONTAINMENT SYSTEM THAT HELPS MINIMIZE BLOOD LEAKAGE FROM THE CATHETER HUB. THIS IS AN ALL-IN-ONE SYSTEM DESIGNED TO SIMPLIFY THE IV PROCESS AND PREVENT BLOOD EXPOSURE TO THE MEDICAL STAFF. I ENCOURAGE EVERYONE TO CONTINUE TO READ UP ON NEW PRODUCTS AND PROCEDURES THAT COULD BE ADAPTED INTO THEIR WORK PLACES. IT'S INTERESTING TO THINK ABOUT HOW FAR TECHNOLOGY HAS COME AND IT WILL BE INTERESTING TO SEE WHERE IT ALL GOES.

STEFAN DESIMONE

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THE HOSPITALS IN MY AREA ARE IN VARIOUS STAGES OF TRANSITION INTO THE NEW ERA, ELECTRONIC MEDICAL RECORDS. THOUGH SOME STUDENTS HAVE NEVER SEEN EMRS AND OTHERS HAVE BEEN EXPOSED TO NOTHING BUT EMRS, I HAVE HAD THE OPPORTUNITY TO LEARN WITH BOTH. ONE OF OUR CLINICAL FACILITIES USES NOTHING BUT PAPER, WITH THE OTHER USING NOTHING BUT EMRS. SOME LOOK AT EMRS OR PAPER DOCUMENTS AS A PART OF THEIR EVERYDAY EXPERIENCE AND TAKE ADVANTAGE OF THE ONE THEY'RE EXPOSED TO. THERE ARE ADVANTAGES AND DISADVANTAGES TO BOTH AND IT IS UP TO THE INDIVIDUAL NURSE TO DECIDE WHAT THEY LIKE BEST, AND ADAPT TO THE METHOD THE FACILITY CHOOSES.

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FREE, FREE, FREE!

FNA VALUES NURSING STUDENTS AND NEW GRADS AND WANTS YOU TO BECOME PART OF YOUR PROFESSIONAL ASSOCIATION. IN TODAY'S ECONOMIC CLIMATE, FNA WOULD LIKE TO BE SURE THAT STUDENTS AND NEW GRADS HAVE EVERY OPPORTUNITY TO LEARN ABOUT THE NURSING INDUSTRY AND GET INVOLVED. HERE ARE SOME FREE AND EASY WAYS TO GET INVOLVED WITH FNA!

FREE STUDENT DAY AT FNA MEMBERSHIP ASSEMBLY

DON'T FORGET, THE FNA MEMBERSHIP ASSEMBLY WILL BE HELD AT THE HILTON ORLANDO, SEPTEMBER 24 AND 25, IN CONJUNCTION WITH THE FNSA PRE-CONVENTION MEETING. FRIDAY, SEPTEMBER 24TH IS TRADITIONAL STUDENT DAY AND IS ABSOLUTELY FREE FOR STUDENTS! PLAN ON ATTENDING THE FNA MEMBERSHIP ASSEMBLY TO LEARN MORE ABOUT THE ASSOCIATION, LEARN ABOUT NURSING ISSUES AND NETWORK WITH NURSES, YOUR FUTURE COLLEAGUES.

FREE MEMBERSHIP

ONE OF THE MOST VALUABLE RESOURCES THAT FNA CAN OFFER IS ONE YEAR OF FREE MEMBERSHIP TO FSNA MEMBERS WHO HAVE JUST GRADUATED. IT'S EASY TO TAKE ADVANTAGE OF THIS OFFER. JUST VISIT FLORIDANURSE.ORG AND CLICK TO GET TO THE ONLINE MEMBERSHIP APPLICATION. WHEN YOU ARE FILLING OUT THE APPLICATION, SELECT THE "FREE MEMBERSHIP DUES" PAYMENT PLAN AND USE PROMO CODE FNSA0001.

FREE WEBINAR FROM FNA

FNA WAS PLEASED TO OFFER A FREE WEBINAR FOR STUDENTS AND NEW GRADS ON JUNE 23RD. FNA MEMBER, MARJORIE HIDER, RN, LED A DISCUSSION ON TARGETED WAYS TO DEAL EFFECTIVELY WITH THE CHALLENGES OF BECOMING A NURSE AND ENTERING THE WORKFORCE.

FNA WOULD LIKE TO POSSIBLY CONTINUE OFFERING FREE WEBINARS TO NURSING STUDENTS AND NEW GRADS. WHAT TOPICS WOULD YOU LIKE TO LEARN MORE ABOUT? EMAIL YOUR IDEAS TO CONFERENCES@FLORIDANURSE.ORG. YOU NEVER KNOW, YOUR TOPIC MAY BE CHOSEN FOR THE NEXT FREE WEBINAR!

HEALTH LITERACY LOGO CONTEST

HEALTH LITERACY IS THE ABILITY TO FIND, UNDERSTAND AND USE HEALTH INFORMATION AND SERVICES TO MAKE APPROPRIATE HEALTH DECISIONS AND ACT ON HEALTH INFORMATION. IT IS MORE THAN READING AND WRITING, IT ALSO INCLUDES LISTENING, SPEAKING CLEARLY, CALCULATING BASIC MATH, USING BASIC MEASURES, AND BRIDGING CULTURAL BARRIERS. AT THE 2009 FNA CONVENTION, FNA MEMBERS VOTED TO SUPPORT A REFERENCE PROPOSAL IN SUPPORT OF EDUCATING NURSES AND CONSUMERS ABOUT HEALTH LITERACY.

IN AN EFFORT TO MEET THESE GOALS, A FNA HEALTH LITERACY COMMITTEE HAS BEEN CREATED AND THEY WOULD LIKE TO REACH OUT TO NURSING STUDENTS FOR ASSISTANCE. FNA WOULD LIKE TO CREATE A LOGO FOR THE HEALTH LITERACY COMMITTEE SO THAT ALL HEALTH LITERACY OUTREACH CAN BE ASSOCIATED WITH FNA. DO YOU HAVE A FABULOUS IDEA FOR A FNA HEALTH LITERACY LOGO? IF SO, PLEASE EMAIL YOUR LOGO SUBMISSION TO CONFERENCES@FLORIDANURSE.ORG BY AUGUST 25TH. THE LOGO WINNER WILL BE ANNOUNCED AT THE FNA MEMBERSHIP ASSEMBLY IN SEPTEMBER AND IN THE DECEMBER ISSUE OF *THE FLORIDA NURSE*.

FNA UPDATES

WANT TO KNOW WHAT ELSE FNA IS UP TO? HERE ARE SOME EASY WAYS TO KEEP TRACK OF FNA INITIATIVES:

- **LIKE FNA ON FACEBOOK AT FACEBOOK.COM/FLORIDANURSESASSOCIATION**
- **FOLLOW FNA ON TWITTER AT TWITTER.COM, KEYWORD *FLNURSES***
- **BECOME A FRIEND ON FNA ON MYSPACE AT MYSPACE.COM/FLORIDANURSESASSOCIATION**

-- BY: LEAH NASH FROM FNA

NEWS:

- **THERE IS FREE CAPS TRAINING HELD ON STUDENT DAY AT THE FNA CONVENTION! FOR THOSE OF YOU WHO DON'T KNOW, CAPS STANDS FOR CHILDHOOD AMBLYOPIA PREVENTION SCREENING. AMBLYOPIA, ALSO KNOWN AS LAZY EYE, IS A PROBLEM WITH THE BRAIN AND NOT THE EYE. EARLY SCREENING CAN MEAN EARLY TREATMENT! GET INVOLVED!**
- **NEXT FNSA MEETING IS AUGUST 21ST AT 11:00AM**
- **SEPTEMBER 25TH - PRECONVENTION**
- **FNA STUDENT DAY - SEPTEMBER 25TH**
- **CONVENTION - OCTOBER 27-30, 2010**
- **2010 MIDYEAR CONFERENCE NOVEMBER 4 -7, 2010**
- **WE ARE STILL COLLECTING PENNIES PRN NOW AND DURING CONVENTION!**
- **FUNDRAISING IDEA: NATIONAL LITTMANN STETHOSCOPE FUNDRAISING PROGRAM FROM STANDRIS. THIS PROGRAM OFFERS A NO COST TO YOU FUNDRAISING PROGRAM. IF YOU ARE INTERESTED PLEASE CALL 1-800-297-4721 [WWW.STANDRIS.COM](http://www.standris.com). ANY OTHER IDEAS, CONTACT DUDLEY DESHOMMES! THERE MIGHT EVEN BE POINTS FOR CHAPTER OF THE YEAR INVOLVED IF THEY'RE GOOD!**

CHAPTER SPOTLIGHT

CONGRATULATIONS, LAKE-SUMTER COMMUNITY COLLEGE! THEY RAISED OVER \$1000 FOR RELAY FOR LIFE THIS YEAR AND PARTICIPATE IN SEVERAL OTHER ACTIVITIES ENCOURAGING THE IDEALS NURSING STANDS FOR EVERY DAY!

