

Herhangi bir deęişiklik yapılmadıęı,
her sunumda isim hakkı korunduęu
sürece ders notu olarak
kullanılmasında sakınca yoktur.
Emeęe gösterdięiniz hassasiyet için
teşekkür ederiz.



HEMŐİRELIK BİLİŐİMİ İÇİN ARAÇ GELİŐTİRME

Dr. Öğretim Üyesi Nuran Aydın Ateő

İÇERİK

- Bir bilişim bileşenleri tespit araçları
- Hemşirelik bilişimi ile ilgili rolleri tanımlamak
- Uygulamaya özgü süreçleri, bilgi ve kaynakları tanımlamak ve işleyişe dahil etmek
- Bilişimi teşvik etmek ve geliştirmek için bir plan geliştirmek

NEDEN BİLİŞİME ÖZGÜ ARAÇLAR ???

Günlük işlerde kullandığınız tüm materyallerin bir arada olmasını istedinizmi ?

- Defalarca isim yazmak?
- Defalarca numaralar
- Kopyala yapıştır süreçleri
- Tekrarlayan girişimler vs vs vs..
- Uygulama alanından uzakta araçlar



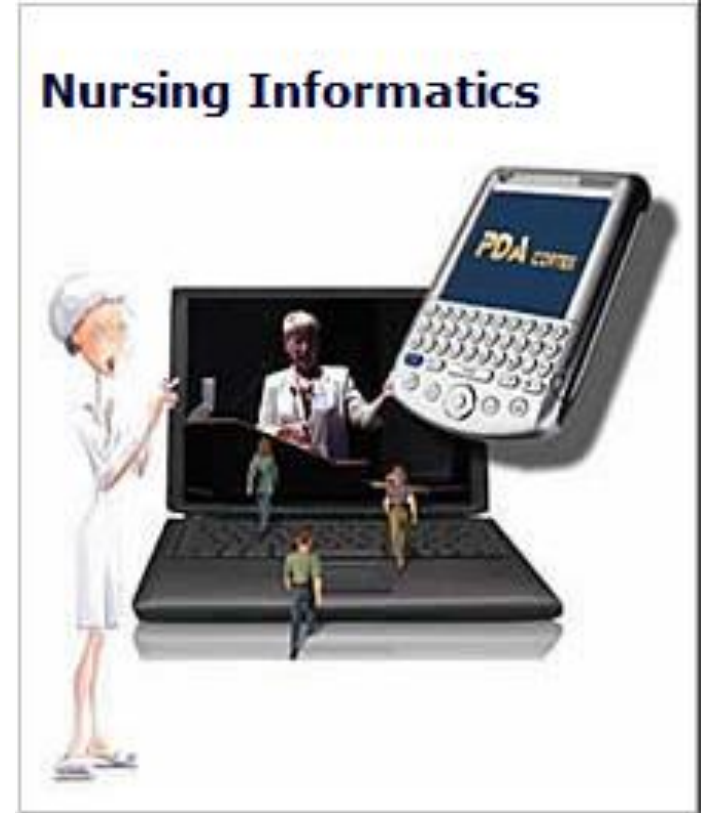
NEDEN BİLİŞİME ÖZGÜ ARAÇLAR ???

- Araçlar
basit ve hızlı

olması için

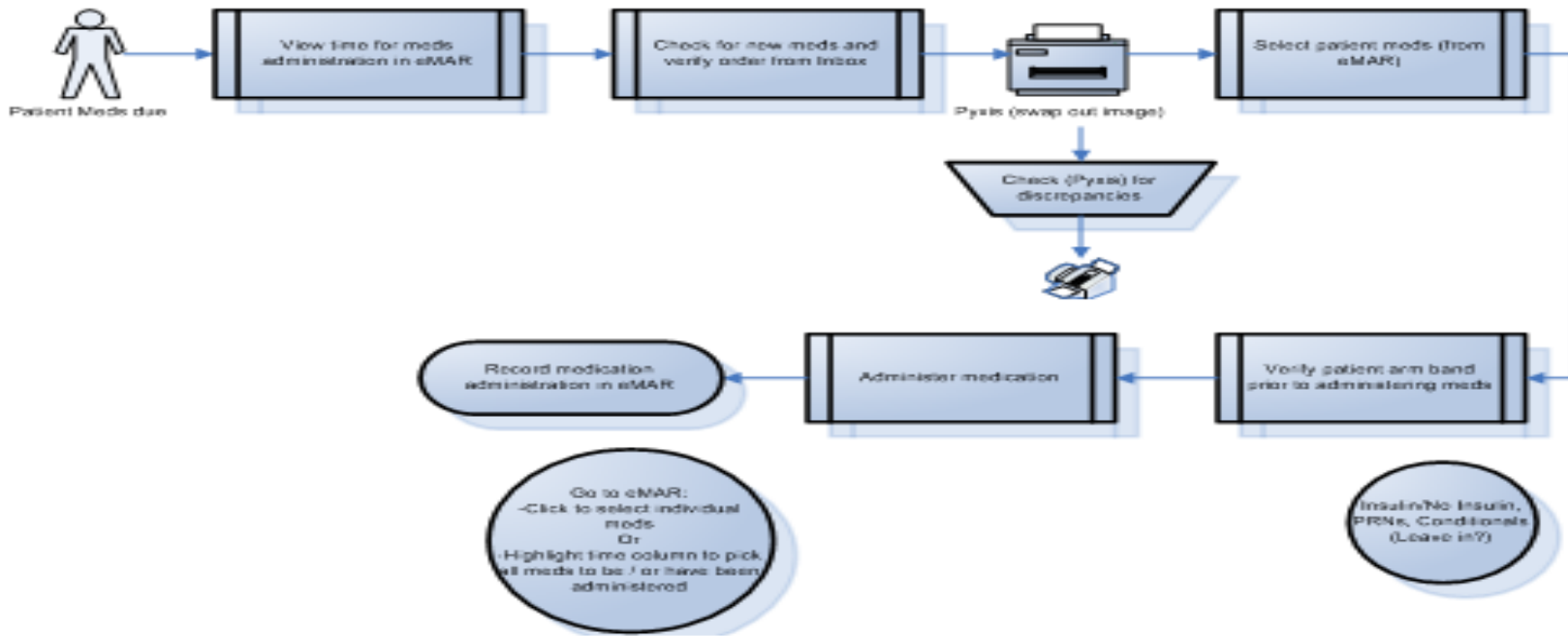
NE YAPMALIYIM ??

NE YAPMAMALIYIM ??



NEDEN BİLİŞİME ÖZGÜ ARAÇLAR ???

Medication Administration Current State



- Araçlar

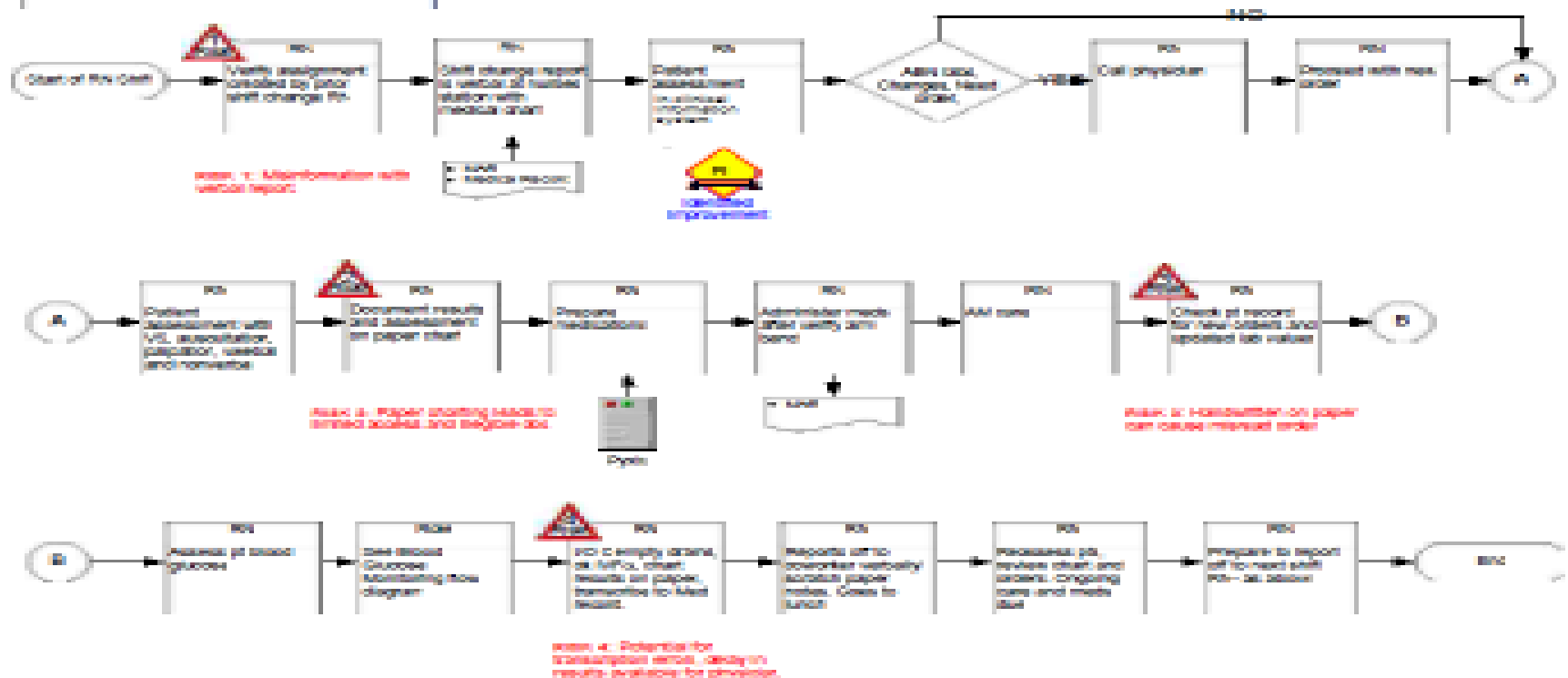
Kurallar / Kuralların özeti / İş akışı / Süreç /

Bunların elektronik ortama göre grafik olarak dönüştürülmesi

NEDEN BİLİŞİME ÖZGÜ ARAÇLAR ???



Day in the Life RN- Current State



BİLİŞİMİ BAKIM ALANINDA UYGULAMAK İSTİYORSANIZ ?

- ❖ Size yardımcı olacak kişi / kişiler seçin
- ❖ Bakım bilgisine ve kaynaklarına sahip olun / olanlar ile işbirliği yapın
- ❖ Kullanıcıları sürece dahil edin
- ❖ Denemeler / pilot çalışmalar ile erken yorgunluğu önleyin



KENDİ ARACINIZI YARATMANIN ADIMLARI

1. Araç ile ilgili bir sunum hazırlayın
 - Fikrinizi ilgili bölüm ile paylaşın
 - Gereklilikler hakkında bilgi verin
 - Örnekler verin
 - Kaynakları gösterin
 - Örneklerde , var olan durumu tanımlamada, ve hedeflenen sonuçlar mümkün olduğunca rakamlar kullanın
 - Bilişim ile ilgili dernek ve kuruluşlardan (ANIA, HIMSS vs) yardım alın

KENDİ ARACINIZI YARATMANIN ADIMLARI

2. Sanal bir klasör ya da web sitesi inşa edin
 - Organizasyon şemaları,
 - iş tanımları,
 - bilişim uygulama kapsamı,
 - iletişim ve kaynakları listeleri
 - iş akışı şablonları (Visios veya PDF)
 - Uygulama, eğitim veya diğer proje planları
 - Ekran ve sistem tasarımları (ekran görüntüleri)
 - Sistem özellikleri ve değişiklikler
 - Politikası güncellemeler ve düzeltmeler
 - İş yardımları, el ilanları, iletişim ve eğitim materyalleri, vb

ÖRNEKLER

NorCal Medical Center is currently looking for a Clinical Informaticist to join our team.

Job Overview:

This position will provide support to optimize the use of healthcare information systems through pre-, intra- and post-implementation support, development of educational and communications tools, identifying areas of process improvement, and refinement of clinical workflows. This individual will work closely with physicians, nurse managers and staff to maximize efficient and effective use of healthcare information systems as they relate to patient care, user satisfaction, clinical productivity and quality outcomes.

Essential Duties:

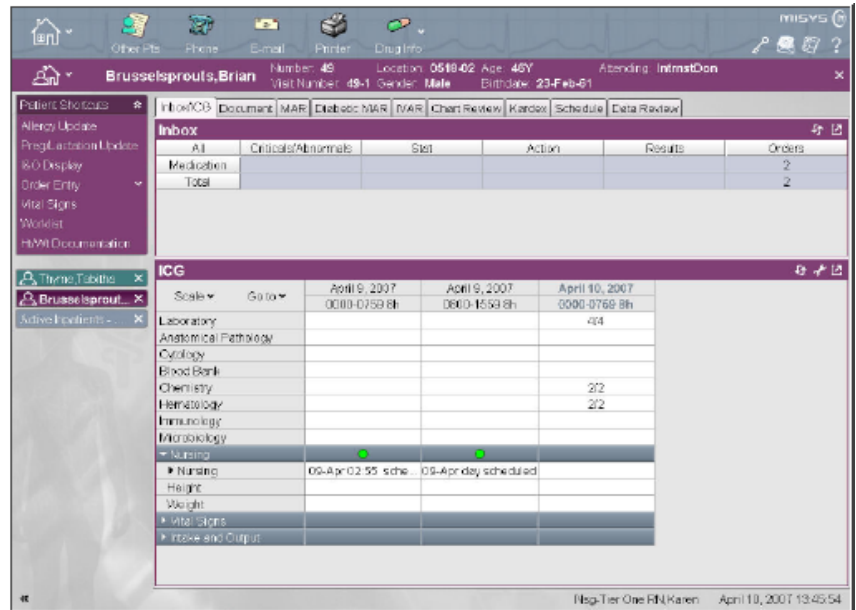
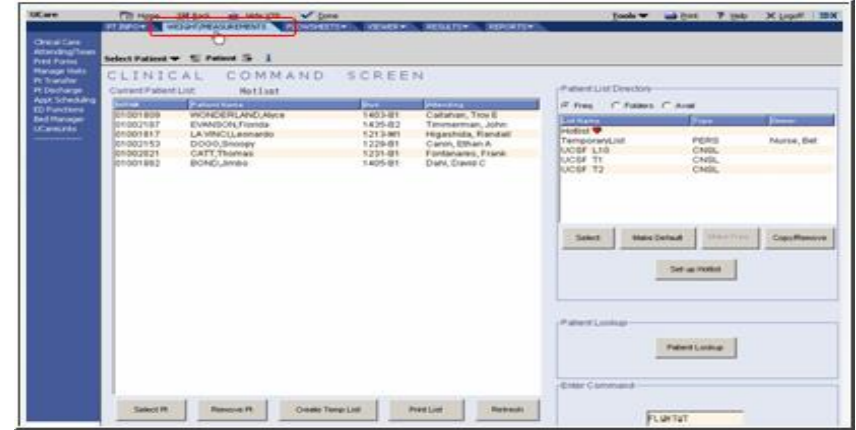
- Attain and maintain knowledge about clinical practices, procedures, workflows, including cross training between healthcare information systems applications where appropriate to enhance clinical care.
- Work with clinical associates, project team members, information technology associates, superusers and others to facilitate, modify and enhance the clinical environment through healthcare information systems
- Identify areas for system build and workflow improvement that can be quickly and accurately identified, prioritized and implemented
- Develop and maintain tools that provide optimal user efficiency and proficiency, with particular emphasis on development of tools to assist nurses, ancillary associates and physicians in electronic patient care and medical records documentation
- Audit and review tools and processes that have been implemented
- Periodically assess workflows, user proficiency guidelines and system tools
- Provide/recommend innovative ideas, processes and/or procedures for enhancements, additions, modifications to improve the existing systems

Required Qualifications

- Three years+ experience working with clinical applications, with knowledge of nursing, ancillary and other clinical workflows and processes
- Strong analytical, organizational, communications and leadership skills
- Strong computer skills and experience with Microsoft Office products
- Works well on a team
- Possesses excellent negotiation skills and adept in consensus building

Preferred Qualifications

- Master's prepared/advanced degree in nursing/healthcare related field
- Formal clinical or nursing informatics education
- Two years' experience with clinical application in the healthcare environment
- Two years' experience in a leadership or supervisory position
- Experience working with clinical end-user support
- Understanding and experience with clinical process transformation methodology
- Current or past clinical licensure in nursing, laboratory, respiratory, radiology, pharmacy, medical records or other ancillary departments



İş akış şeması örneği

Ekran dizayn örneği

ÖRNEKLER

COW-GERNOMICS

PUSH - Don't Pull Your COW

- Though mobile, the COW is heavy and pushing can help reduce the chance of injury.
- NO COW TIPPING!



A few more "Holstein Hints"

- Support your forearms when you can, but do not rest your wrists on anything while typing or using the mouse.
- Do not pound on the keys: use a light touch.
- Hold the mouse lightly, like cradling a small bird.



NOW CHECK YOUR BODY POSITION

- Keep your head aligned with your spine.
- The keyboards height should ensure that the wrists are straight and level.
- When typing, your wrists should be relaxed, not bent up, down, or to the sides.

Updated UCare Website offers latest news, training, and status information

A new UCare website has just been unveiled on the UCSF Medical Center Intranet. The UCare website contains a wealth of information about UCare, UCSF's electronic medical record.

The UCare home page features Announcements, highlighting the latest project news; it also contains a Feedback tool. The website is divided into sections for providers, nurses, ancillaries, pharmacy, administration, and students, and contains sections on Documentation, Training, Frequently Asked Questions, Quick Links, and other information pertinent to each type of user.

A very useful feature of the main page is the System Status Indicator. Shown as a traffic light, the green light indicates all systems go, a yellow light means some system issues have been identified, while a red light means the system is down. Users can click on the traffic light when the light is yellow or red to learn more about system issues.

You can access the UCare website from within the UCSF intranet by typing UCare in your browser's address bar. (Some computers require you to type the entire web address: <http://ucare.ucsfmedicalcenter.org>.)



The new UCare website UCSF Medical Center's status makes its debut.

Visit the new UCare website today to see project information, find out about training opportunities, and get your questions answered.

Limited Stay Unit Admission Assessment Goes Live

The much requested revised Admission Assessment has gone live and is being piloted in the LS Unit at Parnassus. On Monday, 4E at Mount Zion will join in the pilot. The pilot continues until June 1.

Upon successful completion of the pilot, the assessment will be available for all units to utilize.

In the meantime, a Limited Stay patient (OBS or ONB) from the Limited Stay Unit or 4E could potentially require admission as an inpatient. When the order for admission is written, patient standards for assessment, care planning, evaluation and documentation will apply. The patient will need to be admitted using the regular admission assessment.

This process is similar to the current admission procedure in UCare, which involves reviewing/verifying the templated information and adding it to the current admission. A job aid on this topic is available; contact a Clinical Informaticist or CIA for further information on this or any other UCare documentation procedure.

Dear Eussie



This month, eClips is instituting a new forum for readers to make comments, ask questions or simply give thoughts regarding UCSF Medical Center's electronic health record. Send your responses to: Dear Eussie, UCSF Clinical Informatics, LLC (c/o Rachelle Blake, Rachelle.blake@ucsfmedctr.org).

Here is a sample of a recent communication sent to us from Jonathan Bitzer, a CNII from 11 Long.

"UCSF is in the process of Magnet status application. The UCare team would be wise to make that program more user/nurse friendly in the spirit of Magnet. The 'suggestion box', while it may ease the feedback gathering process for informaticists, is frustrating and time consuming for bedside nurses.

The 'suggestion box' may also be falsely misleading informaticists into believing that satisfaction level with UCare is much higher than it actually is. Many bedside nurses find it difficult

to put the shortcomings of UCare and their related UCare frustrations into written words; therefore they choose not to use the suggestion box.

Perhaps it is now time to conduct follow-up in-person interviews with nurses to more effectively elicit suggestions and simultaneously further each nurse's understanding of how to most effectively use the UCare program."

Dear Jonathan,

I thank you for your thoughtful and sincere comments.

Your comments are timely! The Clinical Informatics team just completed a survey of 300 adult medical surgical nurses regarding staff's perceptions of the UCare system. The complete survey results are still under analysis, but some of the findings at least partially support your perceptions that nurses find UCare more difficult to work with than paper.

The Clinical Informatics team, together with patient care directors, is working on a number of projects to reduce the workload relating to UCare. Among these efforts is:

- A redesigned inpatient admission assessment form, shorter and more user-friendly, live on May 15.
- A new, shorter version of the inpatient assessment for short stay patients (less than 24 hours).
- Open lab time with super users/informatics associates available for staff who would like extra training.
- UCare charting tips and tricks handouts, given out at staff meetings in April, and continuing in May and June.
- Investigation into offering CE classes on advanced UCare for staff interested in learning more about the product.

Again, thank you for taking the time to share your concerns.

Charyl Gohn, RN, MPH
Team Leader, Clinical Informatics

İş - amaç uygunluğu

İletişim / Haber sayfası

KENDİ ARACINIZI YARATMANIN ADIMLARI

3. TASARIM ve SUNUM

- Semboller seçin..... (yarışma, beyin fırtınası vs)
- Yazılım (yeni ekran tasarımları, elektronik dokümantasyonda iyileştirmeler, vb)
- Hemşire ve diğer personeline simulasyonlar, tanıtım gezisi düzenleyin



KENDİ ARACINIZI YARATMANIN ADIMLARI

4. TANITIM

- Vitrin ne olacak karar verin
- Tanıtım için bir kit oluşturun
- Powerpoint sunumu vb /Demo
Hemşirelik bilişim eğitime çalışmasına katkıları hakkında bilgi verin
- Konu ile ilgili kurum kuruluş tanıtımlarına ev sahipliği yapılabilir
- Hemşirelik bilişim derneklerinin, kuruluşlarının standartlarını korumak, geliştirme vb



HAZIRSANIZ UYGULAMAYA BAŞLAYALIM

FİKRİ OLAN ÖNE ÇIKSIN

**DAHA FAZLASINI BİRLİKTE
GERÇEKLEŐTİRMEK İÇİN DERNEĐİMİZE
ÜYE OLUNUZ**

<http://hembilder.org/>

