



Blue Iris®: MD Expansion Pack

Introduction

The MD Expansion Pack is designed for use by providers in a hospital setting who create, manage and sign clinical documentation. The MD Pack is powered by the Blue Iris Core that integrates the most important hospital systems used by providers. The MD Pack eliminates inefficient processes that physicians frequently encounter when accessing patient data. With Blue Iris, all patient data can be quickly and easily viewed in an *Electronic Progress Note*.

The Blue Iris MD Expansion Pack is designed to:

- Provide physicians with an automated way to create, print and sign progress notes.
- Improve medical documentation and charge capture.
- Provide secure, Web-based access to patient records, from virtually any type of device.
- Improve patient care and medical outcomes.

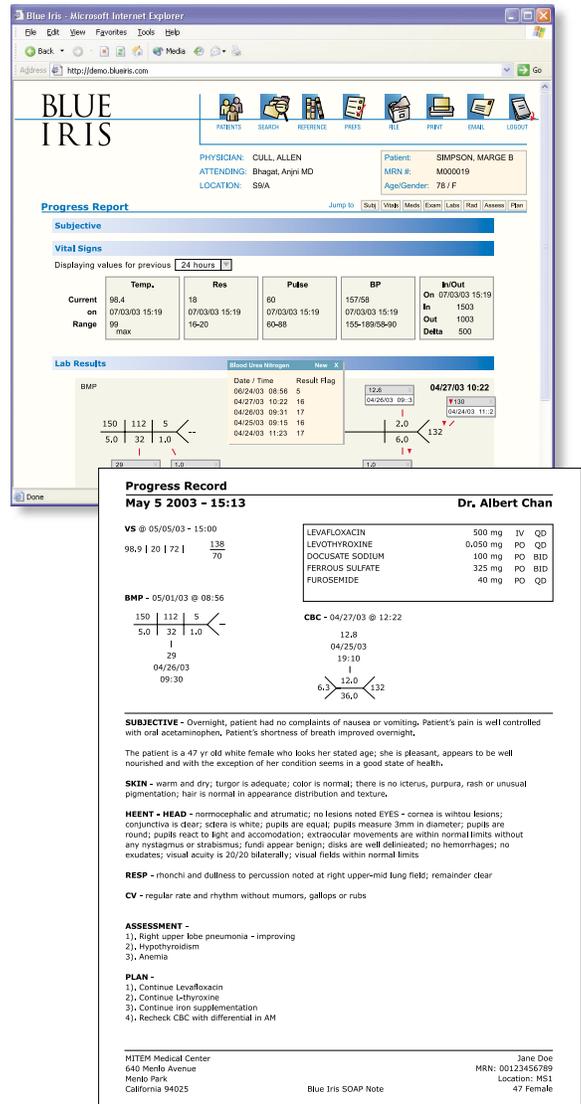
A Better Tool for Provider's Clinical Workflow

Physicians perhaps utilize more highly specialized tools than any other profession. Until the development of Blue Iris, there was no software truly designed to compliment the physician's natural workflow. The MD Pack eliminates the need for providers to struggle with cumbersome hospital systems—those character-based applications that require extensive training and practice before a user becomes proficient. Blue Iris' graphical user interface is so easy and intuitive to use any provider can learn the system in minutes.

Creating Automated, Electronic Progress Notes

Blue Iris delivers lab results, medical images, online medical references, recorded transcriptions and other

critical data to the physician. All objective patient data is rendered on screen in a format that is familiar to providers. Physicians can enter their subjective, assessment and plan comments directly into the electronic progress note by typing, dictating or using the



The screenshot displays the Blue Iris web application interface. At the top, there is a navigation bar with icons for Patients, Search, Reference, Prescriptions, News, Print, Email, and Logout. Below this, patient information is displayed: Physician: Cull, Allen; Attending: Bhagat, Anjni MD; Location: SBA; Patient: Simpson, Marge B; MRN #: M000019; Age/Gender: 78 / F.

The main section is titled "Progress Report" and includes a "Subjective" section with "Vital Signs" and "Lab Results".

Vital Signs: Displaying values for previous 24 hours. Current on 07/03/03 15:19. Range 09 max. Temp. 98.4. Res 18. Pulse 60. BP 157/58. In/Out In 1503, Out 1003, Delta 500.

Lab Results: Blood Urea Nitrogen. Results include BMP (150, 112, 5, 5.0, 32, 1.0), CBC (12.8, 138, 29, 04/26/03, 09:30), and CBC (12.8, 132, 6.3, 36.0, 04/27/03, 12:22).

Progress Record: May 5 2003 - 15:13. Dr. Albert Chan. VS @ 05/05/03 - 15:00: 98.9 | 20 | 172 | 138 | 70. Medications: LEVAFLOXACIN 500 mg IV QD, LEVOTHYROXINE 0.050 mg PO QD, DOCUSATE SODIUM 100 mg PO BID, FERROUS SULFATE 325 mg PO BID, FUROSEMIDE 40 mg PO QD.

Subjective: Overnight, patient had no complaints of nausea or vomiting. Patient's pain is well controlled with oral acetaminophen. Patient's shortness of breath improved overnight. The patient is a 47 yr old white female who looks her stated age; she is pleasant, appears to be well nourished and with the exception of her condition seems in a good state of health.

SKIN: warm and dry; turgor is adequate; color is normal; there is no icterus, purpura, rash or unusual pigmentation; hair is normal in appearance distribution and texture.

HEENT - HEAD: normocephalic and atrumatic; no lesions noted EYES - cornea is whitish lesions; conjunctiva is clear; sclera is white; pupils are equal; pupils measure 3mm in diameter; pupils are round; pupils react to light and accommodation; extracocular movements are within normal limits without any nystagmus or strabismus; fundi appear benign; disks are well delineated; no hemorrhages; no exudates; visual acuity is 20/20 bilaterally; visual fields within normal limits.

RESP: rhonchi and dullness to percussion noted at right upper-mid lung fields; remainder clear.

CV: regular rate and rhythm without murmurs, gallops or rubs.

ASSESSMENT: 1), Right upper lobe pneumonia - improving; 2), Hypothyroidism; 3), Anemia.

PLAN: 1), Continue Levafloxacin; 2), Continue L-Thyroxine; 3), Continue iron supplementation; 4), Recheck CBC with differential in AM.

Footer: HITEM Medical Center, 640 Menlo Avenue, Menlo Park, California 94025. Jane Doe, MRN: 00123456789, Location: MS1, 47 Female. Blue Iris SOAP Note.

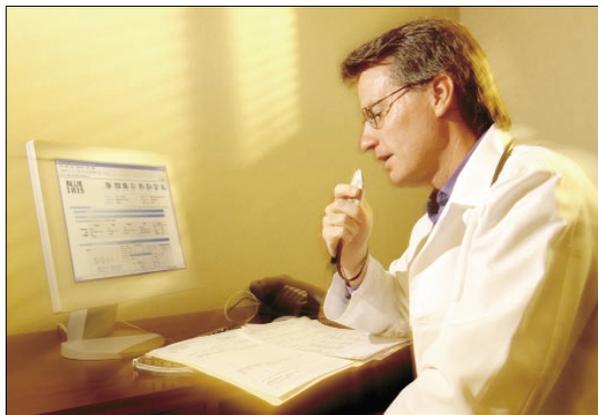
The MD Expansion Pack provides a powerful way of interacting and presenting clinical data, whether it is in electronic or printed form.

templated data entry feature. Alternatively, providers can simply print the entire progress note and add hand written comments.

Electronic progress notes are written back to the appropriate hospital systems. Because data is stored electronically, it is immediately available to other clinical staff. This closed-loop process improves communication and collaboration among care providers.

Improving Patient Care and Medical Outcomes

The MD Pack enables providers to quickly access all relevant patient data in real-time, giving them the most current information available to assist in making medical decisions. By automating routine processes such as daily progress notes, electronic signing of documents and order entry, providers can spend more time with patients and less time on paperwork.



The MD Expansion Pack allows physicians to interact with the system in the way they feel most comfortable.

Improving Clinical Documentation and Charge Capture

Blue Iris improves the accuracy of clinical documentation by eliminating error prone manual processes. In particular, Blue Iris eliminates hand written notes and transcriptions that can be illegible and confusing—and a potential source of medical errors. Automating the process of producing clinical documents increases legibility to 100% and meets the requirements of clinical staff and legal and billing departments.

Secure Access from Anywhere

Blue Iris is Web-based, making patient data available from any location—physician office, home office, hotel room etc.—and from practically any kind of client device. Blue Iris runs on desktop PCs (Windows and Macintosh) as well as mobile devices like PDAs and hand-held tablets. Blue Iris has been carefully designed to perform well over narrow and broadband connections. To ensure the security and privacy of patient data, no information is ever permanently stored on the client. In addition, the Blue Iris Core supports proven methods of authorizing users and encrypting data communications.

Bottom Line

Blue Iris enables medicine to be practiced the way it should be: by putting the patient first. Adapting existing systems to fit the way physicians work reduces the time spent on the business of health care and allows providers to get back to what they do best.