

Banner Churchill Community Hospital

Pharmacy Intro Packet

Welcome to Banner Churchill Community Hospital. We are very pleased that you have chosen to practice in Fallon with us. We are looking forward to working with you.

Even small hospitals can present challenges when you are unfamiliar with the mechanics and work flow of the system. To that end, we would like to present you with a primer on the Banner Churchill Pharmacy. We are proud of our pharmacy, and pharmacy staff. We hope that you will find that the pharmacy is a valuable resource to your practice.

Sincerely,

Tim Eaton RPh.
Senior Pharmacy Manager
Banner Churchill Community Hospital

Banner Churchill Community Hospital

Pharmacy Intro Packet

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- 1. Hours of Operation*
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 - 3. Formulary Auto-Substitutions*
 - 4. Pharmacy Monitoring*
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1. Our pharmacy hours of operation are as follows:

Monday through Friday 7 a.m. to 5:30 p.m.

Saturday, Sunday, and Holidays 8 a.m. to 4:30 p.m.

Even though the pharmacy is not open 24/7, we offer 24/7 pharmacy services. Because the Joint Commission and State Board of Pharmacy require pharmacist review and verification of all physicians' orders, BCCH is a pioneer in the use of "Tele-Pharmacy".

When our pharmacy is closed we are able to utilize the services of our 24 hour pharmacy staff located at the Banner Northern Colorado Medical Center in Greeley, Colorado. They are able to look at the physicians' orders and all other pertinent data as if they were sitting in our pharmacy here at BCCH. They are also available via telephone for drug information or other pharmacy consultations.

In addition to our impressive Tele-Pharmacy offerings, we have a local staff pharmacist who is on-call for emergencies requiring compounding of complicated IV solutions or other pharmaceutical needs.

And of course, BCCH has a state of the art Pyxis 4000 automated dispensing system located throughout the hospital, including all of our surgical suites. Pyxis units in the hospital collectively house 97% of the medication offerings of our main pharmacy.

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2. Formulary

Banner Churchill Community Hospital employs a medication formulary. All medications included on our formulary have undergone vigorous review at both the system and local levels. Our formulary is broad and most drug categories typically have more than one representative medication from a particular class. For example we stock multiple beta-blockers.

Banner actually operates under two formularies. The Banner system formulary and the local hospital formulary.

Inclusion of a non-formulary medication to the formulary requires two things

1. Must be approved and listed in the Banner system formulary.
2. Must be approved by the local BCCH "Pharmacy and Therapeutics" committee.

Here is a link (accessible from the Banner *intranet*).

http://intranet.bhs.bannerhealth.com/_Portals/Docs+and+Residents/Physicians/Physician+Portal.htm?clicksrc=ewTopNav

Or from the Banner Intranet go to the “Docs and Residents” drop down tab at the top of the page,

The screenshot shows the Banner Churchill Community Hospital intranet homepage. The browser window is titled "Churchill - Microsoft Internet Explorer provided by Banner Health" with the URL "http://intranet.bhs.bannerhealth.com/Churchill/#news". The top navigation bar includes links for Home, Clinicians, Employees, Docs & Residents, Leaders, and Students. A blue arrow points from the text above to the "Docs & Residents" tab.

The main content area features a "Poll: What's your favorite summer getaway?" and a "Banner Churchill Community Hospital" section with icons for Latest News, Dashboards & Reports, Town Hall, Video, and Banner's Transformation. A large "VOICE Survey" banner is prominently displayed, encouraging participation in the survey from July 31 to August 14.

The right sidebar contains "Systemwide Links" such as Banner Learning Center, Clinical Informatics Tip Sheets, Digital Imaging Tool (Synapse PACS), Downtime Forms Repository, EMSS, Ethics/Compliance, HIPAA, IT Communications Center, Material Safety Data Sheets (MSDS), MicroMedex, Mosby's Skills, Paging Tool, Password Reset Tool, Patient Education, Phone Lists, Policies & Procedures, Regulatory Program, Report a Work Injury/Exposure, Request Center, Support Desk-Self Service, Workforce Central, Work Order Requests (TMA), Facilities/Plant/Sign, and Medical Equipment. A "[+] Feedback" link is also present.

The bottom of the page includes a footer with logos for Grow Your Career, inTouch, eForms TRAINING, and DOYO PRINT, along with a "Done" button and a taskbar showing various open applications like "Inbox - Timothy.Eato..." and "Pharmacy Primer for...".

Then select “Physicians Portal”

The screenshot displays the Banner Health Employee Website in a Microsoft Internet Explorer browser window. The address bar shows the URL: <http://intranet.bhs.bannerhealth.com/Churchill/#news>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The Favorites bar contains links to ISMP Quarterly Action, Home - System Team Me..., and Web Slice Gallery. The website header features the Banner Health logo and the text "Employee Website a Journey guide & resource". Below the header is a navigation bar with tabs for Home, Clinicians, Employees, Docs & Residents, Leaders, and Students. A search bar is located on the left side of the page. The main content area is divided into several sections: "Physicians" (with links to Clinical Connectivity, Physician & Practitioner Directory, Physician Portal, Physician Resources, Practice Opportunities, Prime Care Network, and More...), "Education" (with links to Clinical Practice, Continuing Medical Ed, and More...), "Announcements", and "Quick Links" (with links to FDA Current Drug Shortage List, Radiology Appropriateness Criteria, and More...). A "Latest News" section features a photo of three healthcare professionals giving thumbs up, with the headline "Great turn out at CEO Forums" and a sub-headline "CEO John D' Angelo thanks Churchill for time and attention". Below the photo is a pagination bar showing 1, 2, 3, 4, 5, 6. The right sidebar contains a "Links" section with various links including HIPAA, IT Communications Center, Material Safety Data Sheets (MSDS), MicroMedex, Mosby's Skills, Paging Tool, Password Reset Tool, Patient Education, Phone Lists, Policies & Procedures, Regulatory Program, Report a Work Injury/Exposure, Request Center, Support Desk-Self Service, Workforce Central, Work Order Requests (TMA), Facilities/Plant/Site, and Medical Equipment. The footer includes a "Feedback" link and a "Local intranet | Protected Mode: Off" status bar. The taskbar at the bottom shows several open applications: Churchill - Microsoft..., Inbox - Timothy.Eato..., Pharmacy Primer for..., and Word Help. The system clock indicates 3:12 PM.

Then select “BH Formulary”. This is the Banner system formulary. Scrolling to the right will show which facilities have that particular drug on their formulary. You will want to look for a check mark under BCCH.

Physician Portal - Microsoft Internet Explorer provided by Banner Health

http://intranet.bhs.bannerhealth.com/_Portals/Docs+and+Residents/Physicians/Physician+Portal.htm?clicksrc=ewTopNav

File Edit View Favorites Tools Help

ISMP Quarterly Action Home - System Team Me... Web Slice Gallery

Physician Portal

Journals

- [American Journal of Obstetrics and Gynecology](#)
- [Annals of Emergency Medicine](#)
- [Blood Journal](#)
- [JAMA](#)
- [Journal of Pediatrics](#)
- [New England Journal of Medicine](#)
- [AZHIN Banner Home Page](#)
- [AZHIN eTextbooks and eJournals](#)
- [Banner Arizona Library Website](#)
- [Banner Colorado Library Website](#)

Computer Education and Support

- [Cerner/PeriBirth Computer Education Help Site](#)
- [NextGen \(Ambulatory Sharepoint Site\)](#)

Physician Information

- [Physician Demographic Information Form](#)
- [Physician/Provider Database](#)
- [Supply Chain Announcements](#)

Antibiograms

- [Antibiograms for all facilities](#)

Banner Pharmacy Formulary

- [BH Formulary](#)

Outpatient Observation Information

- [Observation Page](#)

Order Sets, Forms & Protocols

- [Order Sets for CPOE](#)
- [PeriBirth Order Sets](#)
- [TNM Staging Forms](#)
- [Insulin Order Set & Dosing Tool \(BGSMC\)](#)
- [Request for Formulary Addition \(BGMC\)](#)
- [Request for Patient Specific Non-formulary Medication \(BGMC\)](#)
- [Neutra-Phos Alternatives \(BGMC\)](#)
- [Influenza Protocols](#)
- [Swine Flu Communication](#)

Clinical References

- [Medline \(OVID\)](#)
- [PubMed](#)
- [STATRef \(Electronic full-text textbooks\)](#)
- [UpToDate](#)
- [ACR Appropriateness Criteria Tool](#)

CME

- [Continuing Medical Education](#)

Applications

- [IPRob](#)
- [Pericalm](#)
- [ED Pulsecheck \(IBEX\)](#)
- [QuickChart](#)
- [QuickSign](#)
- [NextGen](#)
- [Escripción E-Signature](#)
- [Online Incident Reporting](#)

Philips OB TraceVue

- [Banner Sterling](#)
- [Banner Torrington](#)
- [Banner Washakie](#)

Clinical Connectivity

- [Clinical Connectivity](#)
- [Register a New Office Group](#)

DO YOUR PART PRINT SMART

Intranet Statistics:
109546 hits today

[+] Feedback

Error on page.

Physician Portal - Mi... Inbox - Timothy.Eato... Pharmacy Primer for... Word Help

Local intranet | Protected Mode: Off 100% 3:14 PM

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3. Formulary Auto-Substitutions

Banner utilizes a formulary auto-substitution program based upon the preferred formulary product for a particular class of medications. For example, a physician orders the proton pump inhibitor, Nexium (esomeprazole). Our formulary product is Protonix (pantoprazole). The order will automatically be changed with proper documentation to pantoprazole per our auto-substitution program which has been reviewed and approved by the “Pharmacy and Therapeutics” (P&T) committee as well as the “Medical Executive” committee.

Here is a link from the Banner intranet to the BCCH auto-substitution list.

<http://intranet.bhs.bannerhealth.com/Churchill/Resources/Resources+for+Clinicians.htm?clicksrc=ewLeftNav>

Select the “Formulary Substitutions” link from this page. This page is an FYI page. Substitutions are done automatically by the pharmacy.

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4. Pharmacy Monitoring

Our clinical pharmacists routinely monitor all medications at every step in the process from order entry through to administration...and beyond. However, many medications warrant extra monitoring and data collection.

Here is a small list of the extra medication monitoring and services provided by our Clinical Pharmacists:

- Anticoagulant monitoring and dosing. All anticoagulants are monitored. Detailed charts are kept for every patient receiving warfarin in the facility. This includes insuring that each warfarin patient receives a baseline PT/INR determination, as well as routine PT/INR's. IV heparin and Lovenox (enoxaparin) patients are also closely monitored. Patients receiving prophylactic doses of enoxaparin will have their dosage adjusted per renal function. Therapeutic dosages are followed with the physician.
- BCCH Pharmacy offers a warfarin dosing consult per protocol. This is ordered via the "Pharmacist Consult" function in Cerner (explained in detail later").
- Antibiotic "Surveillance" and "Stewardship" are important concepts that have been implemented at BCCH. Our pharmacy monitors all antibiotic therapies within the hospital. We specifically look for effectiveness and appropriateness of therapy as evidenced by culture and sensitivity monitoring, as well duration of therapy. This is accomplished in a team approach with the physician to optimize patient care.
- Heart Failure initiative. Pharmacy works collaboratively with nursing leadership to monitor and insure that all heart failure patients are properly identified to help reduce readmissions.

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5. Collaborations

Pharmacy has a long standing relationship with the BCCH “Out-Patient Infusion Center”. Collaboration with the infusion staff has helped us to deliver excellent patient care by insuring that our patients have their outpatient IV medications available for their appointment. This also provides us the opportunity to provide additional educational resources to the patient from the pharmacists’ perspective. The BCCH infusion center is a valuable resource for our patients and community. Take advantage of their skill, expertise, and patient friendly staff.

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6. Tips

- Pharmacy Consults. Cerner contains a very useful feature for ordering consults from the other disciplines, including pharmacy. Here is how you do this!

From Power Chart select Add +

The screenshot shows the Cerner Power Chart interface for patient ZZZBCCH, PHARMACY (DO NOT COMBINE). The patient's age is 42 years, DOB is 07/07/1970, and sex is Female. The location is 28 Test OP ONLY. The preferred spoken language is English, and the encounter type is Inpatient. The patient has no allergies.

The left-hand menu includes sections like Advance Directives, Assessments, Chart Search, and Orders. The 'Orders' section is expanded, showing a list of orders for the patient. The 'Add' button is highlighted in the 'Power Orders' section.

The main pane displays a list of orders, including Nursing Orders and Medications. The 'Medications' section shows a list of orders with details such as the medication name, status, and date. The 'Add' button is highlighted in the 'Power Orders' section.

Order Name	Status	Details
Neuro Assessment	Discontinued	Q30 MIN 1 day(s), 07/22/12 18:47:00 PDT, 07/22/12 18:47:00 PDT
Food/Drug Education	Completed	08/14/11 15:12:41 PDT, 09/14/11 15:12:41 PDT Food/Drug education is required for warfarin. Go to "Reference Information / Manual" to view/print the...
Work or School note	Discontinued	06/14/12 11:04:57 PDT, 06/14/12 11:04:57 PDT
Patient's Own Medication (Unobranium 200mg Capsule)	Discontinued	Unobranium 200mg Capsule, 1 EA, PD, N/A, DAILY, 04/10/12 10:15:00 PDT Patient's Own Medication
Miscellaneous Medication (Please Deliver to Infusion)	Discontinued	Please Deliver to Infusion, IV, Injection, PRN, PRN, Other (see comment), 06/11/12 10:40:00 PDT
Miscellaneous Medication (Patient is here)	Ordered	Patient is here, IV, Injection, PRN, PRN, Other (see comment), 07/29/12 7:24:00 PDT Patient has arrived in infusion. Please mix meds
Miscellaneous Medication (Patient is here)	Discontinued	Patient is here, IV, Injection, PRN, PRN, Other (see comment), 07/23/12 13:29:00 PDT Patient has arrived in infusion. Please mix meds
Miscellaneous Medication (Patient is here)	Discontinued	Patient is here, IV, Injection, PRN, PRN, Other (see comment), 06/05/12 7:49:00 PDT Patient has arrived in infusion. Please mix meds
Miscellaneous Medication (Patient has Rescheduled to...)	Ordered	Patient has Rescheduled to _____ Date, IV, Injection, PRN, PRN, Other (see comment), 07/29/12 7:24:00 PDT
Miscellaneous Medication (Patient has Rescheduled to...)	Discontinued	Patient has Rescheduled to _____ Date, IV, Injection, PRN, PRN, Other (see comment), 07/23/12 10:45:00 PDT
Miscellaneous Medication (Patient has Rescheduled to...)	Discontinued	Patient has Rescheduled to _____ Date, IV, Injection, PRN, PRN, Other (see comment), 06/11/12 10:43:00 PDT
Miscellaneous Medication (Patient Has Cancelled)	Ordered	Patient Has Cancelled, IV, Injection, PRN, PRN, Other (see comment), 07/29/12 7:24:00 PDT
Miscellaneous Medication (Patient Has Cancelled)	Discontinued	Patient Has Cancelled, IV, Injection, PRN, PRN, Other (see comment), 07/23/12 10:45:00 PDT
Miscellaneous Medication (Patient Has Cancelled)	Discontinued	Patient Has Cancelled, IV, Injection, PRN, PRN, Other (see comment), 06/11/12 10:36:00 PDT
Miscellaneous Medication (IVT has faxed order to Rx)	Ordered	IVT has faxed order to Rx, IV, Injection, PRN, PRN, Other (see comment), 07/29/12 7:24:00 PDT
Miscellaneous Medication (IVT has faxed order to Rx)	Discontinued	IVT has faxed order to Rx, IV, Injection, PRN, PRN, Other (see comment), 07/23/12 10:43:00 PDT

Type "Consult" in the find field to see the consults available to you.

The screenshot shows a medical software interface with a patient header and two main panels. The header displays patient information: 'ZZZBCCH, PHARMACY (DO NOT COMBINE) - Add Order', 'Age: 42 years', 'DOB: 07/07/1970', 'Sex: Female', 'Loc: 28 Test OP ONLY', 'MR#: B999999', 'Fin#: B999999999', 'Preferred Spoken Language: English', 'Enc Type: Inpatient', 'Allergies', and 'Threat Alert:'. The left panel, titled 'Diagnosis (Problem) being Addressed this Visit', contains a table with columns 'Clinical Dx' and 'Code'. The right panel, titled 'Find', has a search bar with 'consult' entered, and a list of consults including 'Consult Case Management', 'Consult Diabetes Educator', 'Consult Diabetes Educator PEDS', 'Consult Ethics Committee', 'Consult Infection Control', 'Consult Infusion Therapy', 'Consult Ostomy', 'Consult OT', 'Consult OT NEO', 'Consult OT PEDS', 'Consult Pharmacy', 'Consult Physician', 'Consult PT', 'Consult PT NEO', 'Consult PT PEDS', 'Consult Respiratory Therapy', 'Consult Social Service', 'Consult Specialty Bed', 'Consult Speech Therapy', 'Consult Speech Therapy NEO', 'Consult Speech Therapy PEDS', 'Consult Spiritual Care', 'Consult Wound Care Nurse', and 'Consult Wound/Ostomy/Continence NS'. The bottom of the screen shows a Windows taskbar with various application icons and the system clock at 2:07 PM.

ZZZBCCH, PHARMACY (DO NOT COMBINE) - Add Order

ZZZBCCH, PHARMACY (DO NO... Age: 42 years Loc: 28 Test OP ONLY Preferred Spoken Language: English
DOB: 07/07/1970 MR#: B999999 Enc Type: Inpatient
Sex: Female Fin#: B999999999 ** Allergies ** Threat Alert:

Diagnosis (Problem) being Addressed this Visit

Find: consult

Consult Case Management
Consult Diabetes Educator
Consult Diabetes Educator PEDS
Consult Ethics Committee
Consult Infection Control
Consult Infusion Therapy
Consult Ostomy
Consult OT
Consult OT NEO
Consult OT PEDS
Consult Pharmacy
Consult Physician
Consult PT
Consult PT NEO
Consult PT PEDS
Consult Respiratory Therapy
Consult Social Service
Consult Specialty Bed
Consult Speech Therapy
Consult Speech Therapy NEO
Consult Speech Therapy PEDS
Consult Spiritual Care
Consult Wound Care Nurse
Consult Wound/Ostomy/Continence NS

Problems

Name of Problem Code
DiscernCM Pneumovax Dose1

ZZZBCCH, PHARMACY (DO NOT COMBINE) - B99999 Done

Select the desired consult.

- For ER providers, please enter the frequency of medication as a one-time (1x) order. This prevents continuation of the order on the floor and potential duplication of therapy.