

Knowledge Base Examples using ColdFusion

What follows are essentially screen shots of webpages that are an example of how ColdFusion can connect webpages dynamically to databases that can be altered “on-the-fly” by staff and docs. Having the disabled browser and home page (home.practicepartner.html) as an integral part of Patient Records makes for a useful staff webportal.

Coldfusion was bought from Allaire by Macromedia. The newest version has a Java based engine and is very stable. After installing a Coldfusion server (on one of your office PC's) and then creating the databases in Microsoft Access, you can create dynamic pages that use CFML (cold fusion markup language). The CFML on the page, in addition to any other compliant HTML/script, will call the server to get the information from the database and then the rest of the page is sent to the browser. The pages are dynamic since you can view, edit, add and delete records in the database. The list of possibilities is nearly endless. For more information on Coldfusion and it's newest version, etc. – please go to www.macromedia.com

Below are links to the pages so you can get ideas of how you can create useful sources of information for staff and patients alike:















1. [Our current Knowledge Base Home page](#) – This links to all sorts of resources besides our databases.
2. [Nursing Home Patients](#) – This is useful for quick reference for staff and for planning rounds, etc.
3. [Nursing Home Patients](#) – This is the detailed page of information which is linked to the master list of patients.
4. [Insurance Authorization and Referral Information](#) – now available to the staff when your billing/referral specialist is on vacation!
5. [Calendar for staff/docs](#) – A place for the on-call schedule, meetings, vacations, etc.
6. [Referral Database](#) – The rolodex for all staff from anywhere in the office. You can have one for vendors, inventory, etc.
7. [Intraoffice Email powered by CFML](#) – for non-patient related matters. This is actually off of our website so part-time staff can stay connected.
8. [Office staff contact list](#) – a more detailed list is available by password protection which has detailed private information – like SSN, their passwords, date of hire, salary, etc.

I hope you enjoy this “eye candy” and it stimulates you to develop your processes at your offices.

Tripp Bradd, MD
Skyline Family Practice @ www.skylinefamilypractice.com
January 8, 2004

Skyline Family Practice Knowledge Base














FOR OUR PATIENTS

-  [Diets](#)
-  [Images](#)
-  [Other Patient Handouts](#)
-  [Surgical Procedures](#)
-  [WMH Support Groups](#)
-  [Consents, Forms & QUESTIONNAIRES](#)
-  [Other Helpful Links](#)
-  [Griffith's Instructions for Patients - 6th Ed.](#)
-  [AAFP Instructions for Patients \(Local\)](#)
-  [AAFP Family Doctor Web Site Docs](#)
-  [Healthtouch Drug Information](#)
-  [BMI Calculator](#) [Math Calculator](#)
-  [10 Year CVD Risk Calculator](#)
-  [Breast Cancer Risk Calculator](#)








FOR OUR CLINICIANS

-  [WMH Order Forms](#)
-  [Nursing / Rest Home Patients](#)
-  [SARS case definition](#)
-  [Pre-operative Eval. - ASA and Child-Pugh](#)
-  [OTC drugs in Pregnancy](#)
-  [Practice Guidelines from the AHCPR](#)
-  [Report Adverse Drug Reaction to FED \(MedWatch\)](#)
-  [Guide to Clinical Preventive Services - USPS Task Force](#)
-  [AAFP Guide to Immunizations](#)
-  [Health Care Reality Check - Alternative & Complementary Medicine Site](#)
-  [DOT Physical Guidelines - AAFP article 1998](#)
-  [Reportable Diseases - Virginia](#)

FOR OUR STAFF

-  [Physician & Medical Center Referral](#)
-  [MD REFERRAL CONTACT LIST](#)
-  [MSV MD Member Finder](#)
-  [Insurance Preauthorization Guidelines](#)
-  [Piedmont and Mayo Clinic Lab](#)
-  [Help for explaining laboratory tests](#)
-  [XRay Preparation Protocols \(WMH\)](#)
-  [Office Resources \(including Computer Protocols\)](#)
-  [Clinical Procedures \(How we do it & set-up for it\)](#)
-  [Allergy/Immunotherapy Protocols/Information](#)
-  [Equipment/Supply Search Online](#)
-  [HIPPA Information and Forms \(under construction\)](#)
-  [Employee Resource Page](#)
-  [Calendar](#)
-  [Administrative Section](#)

SEARCH ENGINES/References

-  [MD CONSULT - - - Login Help?](#)
-  [MerckMedicus \(docs need to register\)](#)
-  [OVID \(vhs001/pw:cotton33\)](#)
-  [Miscellaneous Links- Dr. Alper - Univ. Misso.](#)
-  [Emergency Medicine Informatics Link \(good\)](#)
-  [Medical On-line Books](#)
-  [PMSI KB by Condition](#)

Visit the PMSI web site at <http://www.pmsi.com/>

Nursing Home List

[Next](#) [Last](#)

[Update](#) [Insert](#)

Records 1 to 12 of 26

[Return to Main](#)

Pt ID	First Name	Last Name	Code Status	Facility	Room Num	SFP MD	Diag1	Diag2
26	Catherine		DNR	ClrVMan	-	TB	CVA	Diabetes Mellitus
29	Elizabeth		DNR	ClrVMan	-	TB	Vascular Dementia	Myasthenia Gravis
19	Stella				HHNH	-	BB	
17	Lucille				HHNH	-	BB	
15	Rachel				HHNH	-	BB	
21	Charlotte				HHNH	-	BB	
13	Jacob				HHNH	-	BB	
20	Frances				HHNH	-	BB	
16	Bill				HHNH	-	BB	
22	Margaret				HHNH	-	BB	
18	Nellie				HHNH	-	BB	
1	Carroll				HHNH	-	TB	

[Go to Delete Records Page](#) - **USE CAREFULLY!**

NURSING/REST HOME Patient - Detail[RETURN to Master](#)[Return to Main](#)

Pt ID	26
First Name	Catherine
Mid Init	J
Last Name	<input type="text"/>
Code Sstatus	DNR
Facility	ClrVMan
Room Num	-
Diag 1	CVA
Diag 2	Diabetes Mellitus
Diag 3	Atrial Fibrillation
Diag 4	Osteoarthritis
Allergies	Benazepril
Family Contact	<input type="text"/>
Contact Phone1	<input type="text"/>
Contact Phone2	<input type="text"/>
POA	<input type="text"/>
Additional Phone3	<input type="text"/> see other
Last Recert	-
Last Recert CPT	-
Next Recert Due	-
SFP MD	TB
Primary MD	TB
Date First Admit	-
Other Info	<input type="text"/> - other daughter is ph #3 Her home <input type="text"/> (our pat.) is son.

INSURANCE INFORMATION

Update Insert

Records 1 to 4 of 4

Name	Phone	Fax	Website	Authorization	Referral	Other
Anthem	1-800-242-7277	N/A	-	SLEEP STUDY,MRI,CT,PT ,WEIGHT LOSS, PROGRAMS,CHIROPRACTIC,PAIN MANAGEMENT,ULTRASOUND.I CALL ON EACH TEST TO,MAKE SURE.ALL POLICIES ARE DIFFER.,THERAPIES:PT,ST AND OT	NEEDS TO BE MEDICALLY NECESSARY,SLEEP STUDIES-PATIENT NEEDS TO FALL,ASLEEP DURING THE DAY,STOP BREATHING AT NIGHT DURING SLEEP.MASSAGE THERA NEEDS TO BE PT/MASSA	-
CIGNA	1-800-558-7478	MED.SOLUTIONS 1-888-693-3210	-	MRI,CT ,MRA AND PET SCAN, NEEDS TO GO THROUGH MEDSOLUTIONS FAXED TO THEM.THERAPIES:PT,ST AND OTSLEEP STUDY,I CALL ON. PAIN MANAGWRITTEN LETTER REFERRAL TO SPEC.ANY DOUBT ON ANYTHING I CALL CIGNA	NEEDS TO HAVE X-RAYS DONE FIRST AND SOMETIMES PT OR BE SEEN BY SPEC., THERAPIES TO ANNETTA HADDOX AND HEALTHSOUTH IN WINCHESTER. NO MRI AT OPEN MRI IN WINCHESTER ALL CIGNA HMO NEEDS LETTER OF REFERRAL FROM PRIMARY DR. TRY TO STAY IN NETWORK.UVA DOES NOT TAKE CIGNA. IF NO SPEC CAN GO TO UVA AFTER BEING AUTH.WITHIN 30 MILES	-
COMMUNITY HEALTH - VALLEY HEALTH SYS.	536-5379	536-5386	-	MRI AND MRA,SLEEP STUDIES,CT SCAN,THERAPIES:PT,OT AND ST PAIN MANAG,WEIGHT MANAG.	ALL REFERRALS ARE FAXED IN REFERRALS TO SPEC ARE FAXED ALSO	-
UNITED HEALTH CARE	1-888-525-2082	N/A	-	SLEEP STUDIES, MRI AND MRA,THERAPIES:PT,OT AND ST,CHIROPRACTIC SERVICES	SLEEP APNEA,FALLING ASLEEP DURING DAY STOP BREATHING AT NIGHT IF POSSIBLE SHOULD HAVE X-RAYS DONE FIRST. NO REFERRAL NEEDED FOR SPEC IF THEY ARE IN NETWORK.	-



Skyline Family Practice

[Acronym Hints](#)

Home | Calendar |

January 2004

<< [December 2003](#)

[February 2004](#) >>

Sunday Monday Tuesday Wednesday Thursday Friday Saturday

					1	2	3
	4	5 BB	6 TB	7 BB	8 TB	9 FI/FRP	10
FI/FRP	11 BB	12 TB	13 BB	14 TB Section of Medicine - Peds	15 BB	16 TB	17
TB	18 BB Med Staff Executive Meeting	19 TB	20 BB	21 TB	22 BB	23 FI/FRP	24
FI/FRP	25 TB	26 BB	27 TB WMH Board Meeting	28 BB	29 TB	30 BB	31

[Add New Event](#)

Event Types:

- [MD Meeting](#)
- [On Call MD](#)
- [Staff Meeting](#)
- [Training](#)
- [Vacation MD](#)

[Return to Main](#)

[Vacation Staff](#)

[x- Other -x](#)

--> [All Events](#)

Click on an event type to view only those events, or click 'All Events' to view all events for the month.

REFERRAL DATABASE

[Return to Main](#)

NAVIGATION
[Next](#) [Last](#)

Search by Specialty	Insert Record	Edit Record	Return to Home
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Records 1 to 8 of 35

First Name	Middle Name	Last Name	Suffix	Title	Salutation	Specialty	Hospital	Practice Name	Practice Address 1	Practice Address 2	City Town	State	Zip
Joel	Evan	Backer	-	MD	Joel	Obstetrics and Gynecology	WMH	Shenandoah Women's Center	1077 N. Shenandoah Avenue	-	Front Royal	VA	22631
Thomas	-	Ball	-	MD	Tommy	Family Medicine	WMH	Front Royal Family Practice	140 W. 11th Street	-	Front Royal	VA	22631
Jennifer	B	Barron	-	MD	Jen	Family Medicine	WMH	Front Royal Family Practice	140 W. 11th Street	-	Front Royal	VA	22631
Barbara	T.	Bernard	-	MD	Barbara	Family Medicine	WMH	Skyline Family Practice	841 N. Shenandoah Avenue	-	Front Royal	VA	22631
Floyd	-	Bradd	III	MD	Tripp	Family Medicine	WMH	Skyline Family Practice	841 N. Shenandoah Avenue	-	Front Royal	VA	22631
Richard	A	Chirstoph	-	MD	Richard	Pediatrics	WMH	Front Royal Pediatrics	315 West 10th Street	-	Front Royal	VA	22631
Patricia	A	Daly	-	MD	Patti	Endocrinology	WMH	Front Royal Internal Medicine	315 West 10th Street	-	Front Royal	VA	22631
Frank	-	Dennehy	-	MD	Frank	Family Medicine	WMH	Front Royal Family Practice	140 West 11th Street	-	Front Royal	VA	22631



BRINGING STAFF TOGETHER!

To log into the SFP Mail client, please enter your mail account information in the appropriate fields on your right.

E-mail Address

Username

Your Password

Save login information

SFP Employees Contact List

First Name	Middle Initial	Last Name	Suffix	Preferred Name	Full Name	Home Phone	Cell Phone	Alt. Phone	Emer. Contact	Emer. Phone
Barbara	T	Bernard	-	Barbara	Barbara Bernard					
Floyd	-	Bradd	III	Tripp	Tripp Bradd					
Janice	L		-	Jan						
Patsy	A		-	Patsy						
Regina	-		-	Regina						
Mary	-		-	Mary						
Lauren	S		-	Lauren						
Lorie	-		-	Lorie						
Linda	-		-	Linda						
Rebecca	A		-	Becky						
Crystal	G		-	Crystal						
Tammy	L		-	Tammy						