



A Revolution of sort... (1988 Montreal, Quebec)

**IT'S THE BEST OF TIMES,
IT'S THE WORST OF TIMES...**

Charles Dickens 1859



Fundamental Principles:

Accepting Change as a Norm

- Data Structure/Definition/Relationship change
- Technological change
- Health care system change
- Change in academic needs



Fundamental Principles:

Taking ownership of the DATA

- Non-proprietary Data Management System
- Extensible Data Dictionary
- Data Driven Decision Support
- Data Portability
- Clinically Relevant - Capture & Application



**6 months and \$12,000
later... MUFFIN was born**

- XT/AT/LAN (DOS/Novell)
- Advanced Revelation:
 - linear hashing filing/variable length records
 - data dictionary
 - RBASIC programming language
 - R.A.D. in a well behaved DOS application



M.U.F.F.I.N. Features (1988) **(McGill Family Folder Information Network)**

- Encounter sheet to full Electronic Health Record
- P.O.M.R. & ICPC & Episode Based Epidemiology
- Data capture at source & C.P.P. at point of care
- Decision support & “Cohort” engine
- CQI: Health maintenance and chronic disease management
- Connectivity: Prescription and Laboratory
- MUFFIN Update

Appointment Screen

[M]MUFFIN - Appointment System: SUPER (DOCS) /SUN 01 JUL 2001 11:12PM
 Add Chg Del Enc Flip Grp Home Jmp Rep Opt Quit Mastr Srch *Stat Temp Visit Zoom
 CPU SPEED: 140 TUE 03 JUL 2001

JUL03	Chan	Walsh	Lee	Price	Ivanyi	Kinzie	Fugere	Waters	Thompso
08:45	. TRA	. TRA	. TRA	. TRA	. TRA	. TRA	. TRA	. TRA	. TRA
09:00	» . GR	U» . TRA	M» . TRA	» . TRA	1» . TRA	U	» . TRA	A	» . TRA
09:15		U	M		1	U		A	1
09:30		U	M		1	U		A	1
09:45		U	M» . \$Chi		1	U		A	1
10:00		U	M		1	U		A	1
10:15		U	M» . \$Chi		1	U		A	1
10:30		U	M		1	U		A	1
10:45		U	M» . \$Chi		1	U		A	1
11:00		U	M» . \$Hew		1» . sam	U		A	1
11:15		U	M» . \$Car		1	U		A	1
11:30		U	M		1	U		A	1
11:45		U	M		1	U		A	1
12:00									
12:15									

Central Patient Profile | NL | 1

Status of Patient Encounter:

Flashing code beside patients name means: * here ^ picked canceled ? missed

Billing an Encounter

[M]MUFFIN - Appointment System: SUPER (DOCS) -SUN 01 JUL 2001 11:35PM
 Add Chg Del Enc Flip Grp Home Jmp Rep Opt Quit Mastr Srch *Stat Temp Visit Zoom
 Bi[]

Delivery Code (choose all that apply)
 Press <Enter> to toggle choices
 Press F9 to save selections
 Press <ESC> to cancel

Code	Description	OHIP Fee
1>P006A	Labour/delivery - vaginal	\$335.60
2 P009A	Attendance at labour & delivery	\$335.60
3 P011A	Assist at L&D incl Cesarean section	\$158.30
4 P020A	Operative delivery i.e.midcavity rotation or assisted b	\$366.10

< OK >

10:45	M>T \$Chi	U	1	U	A	1
11:00	M>T \$Hew	U	1>T .sam	U	A	1
11:15	M>T \$Car	U	1	U	A	1
11:30	M	U	1	U	A	1
11:45	M	U	1	U	A	1
12:00						
12:15						

Multi | Select or cancel rows by pressing [Return] [F9]-Save | NL | 2

Follow the directions at the top of each screen.

Lessons Learned #1

“What if you get run over by a
truck?!”

or

MUGS was a good idea but...

Lessons Learned #2

“How do I make food out of thin air?”

or

You can't answer questions you
didn't plan to ask!

Lessons Learned #3

“A rose by any other name...”

or

MUFFIN is good for money!

Lessons Learned #4

“No prophet is accepted in his
hometown” (Luke 4:24)

or

Given money, most people like to
shop!



10 years later, another city but same problems...

- Little Money
- Big Academic Agenda
- Still nothing out there except... **MUFFIN!**



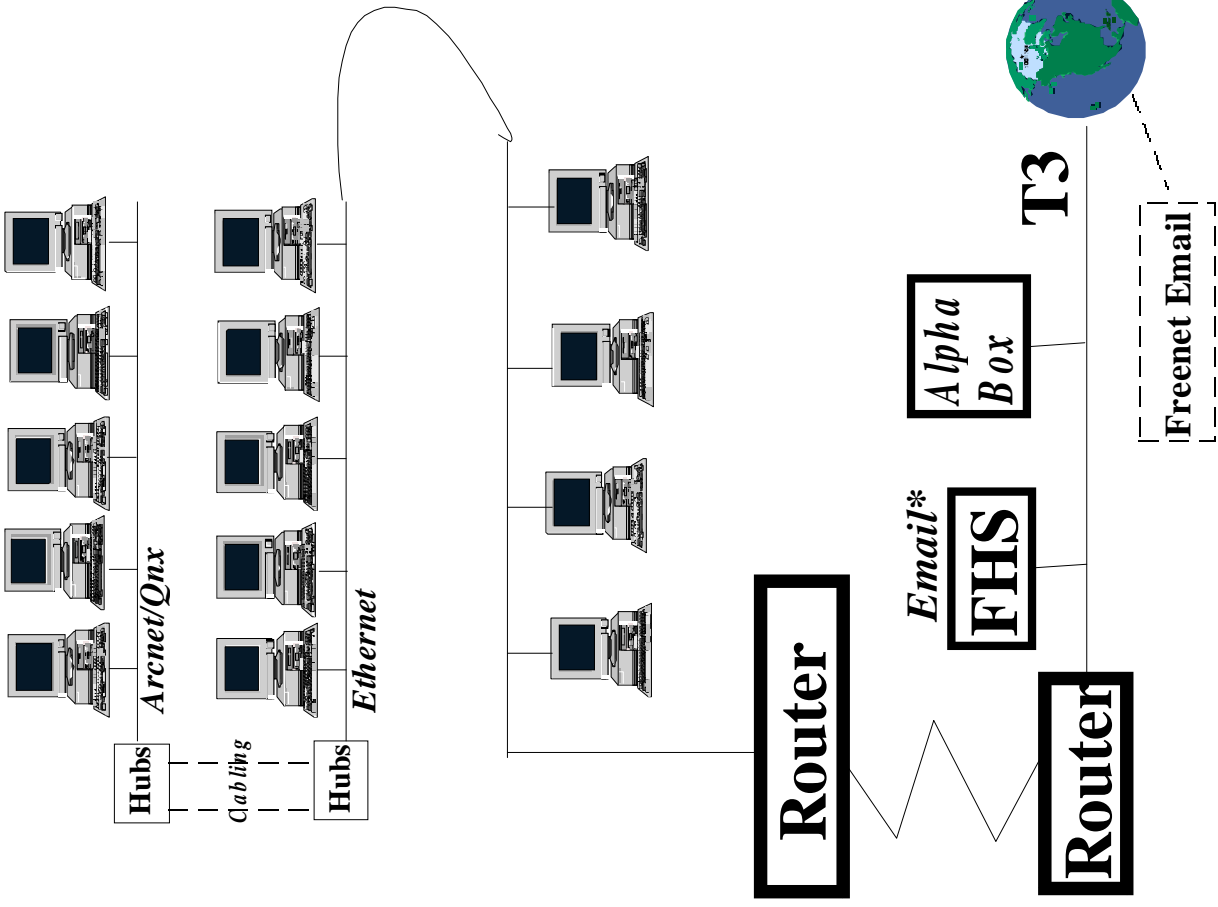
MUFFIN as a transitional product - a three year plan

- Phase 1: MUFFIN
 - DOS/Windows Hybrid
 - Use existing PC's (and cabling)
 - Minimal user interface change
 - Low software development cost



MUFFIN as a transitional product - a three year plan

- Phase 2: Internet/Intranet
 - Client-server engine
 - Java/Browser GUI
 - Modular development while using MUFFIN





Opportunities... year 2001

- **Primary Care Reform - MUFFIN passed!**
- **Other Funding Sources**
 - **Evidence Based Antenatal Care Planner**
 - **Long Term Care Assessment Records**
- **Other Commercial Alliances**
 - **Drugmagnet, Skolar, Self Learning Program**



Open Source Clinical Application Resource OSCAR (OSCARTOOLS.ORG)

- Linux, Apache/Tom Cat, MySQL, J2EE/Perl/PHP
- Intranet LAN or Internet WAN
- Single User Group or Networked Groups
- Modular Design, common XML document Standard
- Decision Support (Intelligent Forms)
- User vs Global Knowledge Repository



Collaborative Maternity Centre of Hamilton

The Evidence Based Antenatal Care Planner (EBACP)

- the available best evidence practice guidelines
- the patient's risk factors and characteristics
- the provider's or institutional requirements
- to formulate a care map during the antenatal period
- web-based resource centre for providers and patients

Evidence-Based Antenatal Care Planner

[Introduction](#) | [Resource](#) | [Forms](#) | [McMaster Antenatal 4](#) | [Patient Info](#) | [Slide Shows](#)

Required Information

Your Name [\[PRIVACY\]](#):

Mother's Expected Date of Birth:

[Generate Checklist](#)

Customized Information

My checklist [\[HELP\]](#):

 [Browse...](#)

My heading [\[EXAMPLE\]](#):

 [Browse...](#)

Risk Factors (check if present) Discussion topics Physical Examination

This Pregnancy

- [Bleeding](#)
- [Smoking cig/day](#)
- [Drugs](#)
- [Alcohol drinks/day](#)
- [Radiation](#)
- [Occup./ environ./ teratogens](#)

Past OB History

- [Stillbirth](#)
- [SGA](#)
- [Preterm labour or PROM](#)
- [Infant with invasive \[GBS\]\(#\) step.](#)
- [Abruptio](#)
- [HTN disease of pregnancy](#)
- [Previous \[C/S\]\(#\)](#)

Medical

- [Hypertension](#)
- [Diabetes](#)
- [Heart disease](#)
- [Renal/urinary tract](#)
- [Respiratory](#)
- [Liver/Hepatitis/GI](#)
- [Neurological](#)
- [Seizure Disorder](#)
- [Gyn/PAP/ Breast](#)
- [STD/Herpes](#)
- [Surgery/Anesthesia](#)
- [Hospitalizations](#)

Genetic Disease

- [Age ≥ 35 at EDB](#)
- ["At risk" \(Tay-Sach, sickle cell, thalassemia, etc.\)](#)
- [Prev. chromosomal abnormality](#)
- [Family history of:](#)
- [Neural tube defects](#)
- [Development delay](#)
- [Congenital anomalies](#)
- [Chromosomal defect](#)
- [Genetic disease: \(cystic fibrosis, muscular dystrophy\)](#)

Psychosocial risks

- [Psychiatric illness](#)
- [Life stresses](#)
- [Social support](#)
- [Couple relationship](#)
- [Family violence](#)
- [Language/cultural issues](#)
- [Financial difficulty](#)
- [Parenting concerns](#)
- [Healthy Baby/Healthy Children referral](#)

Smoking Cessation

- [Alcohol](#)
- [HIV testing](#)
- [MSS or Genetic testing](#)
- [Breast feeding: ask "what do you know about breastfeeding?"](#)
- [OTC drugs](#)
- [Toxoplasmosis \(cat litter\)](#)
- [Varicella/Parvovirus risk](#)
- [Exercise](#)
- [Intercourse](#)
- [Weight gain and nutrition](#)

Nutrition

- [General Nutrition](#)
- [If less than 12 wks continu .4mg folic acid](#)
- [Calcium sources \(1500mg/day\)](#)
- [Balanced diet](#)
- [Vomiting](#)
- [Constipation](#)

Weight(kg)

Height(m)

Pre-preg Weight

BMI

BP

Evidence-Based Antenatal Care Planner

[Introduction](#) | [Resource](#) | [Forms](#) | [McMaster Antenatal 1](#) | [Patient Info](#) | [Slide Shows](#)

Required Information

Your Name [\[PRIVACY\]](#):

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[Generate Checklist](#)


Customized Information

My checklist [\[HELP\]](#):

 [Browse...](#)

My heading [\[EXAMPLE\]](#):

Maternity Schedule Calculator - Microsoft Internet Explorer



Department of Family Medicine
McMaster University
1200 Main Street West.,
Hamilton, Ontario, Canada L8N 3Z5

Risk Info: Preterm Labour or PROM

PRETERM LABOUR

1. Consider consultation with an obstetrician (at the 12 week visit)
2. Screen for bacterial vaginosis at the 24 week visit
3. Counsel (from the 20 week visit on) regarding the signs and symptoms of preterm labour
4. Give patient education pamphlet on preterm labour at the 20 week visit

Additional Resources: [Patient Handout](#);

Risk Factors (

This Pregnancy

- [Bleeding](#)
- [Smoking cig/day](#) _____
- [Drugs](#)
- [Alcohol drinks/day](#) _____
- [Radiation](#)
- [Occup./ environ./ teratogens](#)

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[Introduction](#) | [Resource](#) | [Forms](#) | [McMaster Antenatal 1](#) | [Patient Info](#) | [Slide Shows](#)

Required Information

Your Name [\[PRIVACY\]](#):

Mother's Expected Date of Birth:

Customized Information

My checklist [\[HELP\]](#):

My heading [\[EXAMPLE\]](#):

[Generate Checklist](#)

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This Pregnancy

- [Bleeding](#)
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Past OB History

- [Stillbirth](#)
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- [Abrupton](#)
- [HTN disease of pregnancy](#)
- [Previous \[C/S\]\(#\)](#)

The screenshot shows a PDF document titled "PRETERM LABOUR". The document is divided into several sections:

- Appendix A**: Contains a table of contents with links to various sections like "What is Preterm Labour?", "What Does This Mean for My Baby?", "Could This Happen to Me?", "What Can I Do to Reduce the Chances of Preterm Labour?", "What Will Happen if I Am in Preterm Labour?", and "What Should I Do if I Think I Am in Preterm Labour?".
- What is Preterm Labour?**: Defines preterm as before 37 and 41 weeks, mentioning complications like low birth weight and respiratory distress.
- What Does This Mean for My Baby?**: Lists potential issues such as breathing, feeding, and learning problems, and mentions that the earlier the baby is born, the more likely these are to occur.
- Could This Happen to Me?**: Lists risk factors like being young, having a history of miscarriages, or having a short cervix.
- What Can I Do to Reduce the Chances of Preterm Labour?**: Provides advice on staying healthy, avoiding smoking and alcohol, and taking prenatal vitamins.
- What Will Happen if I Am in Preterm Labour?**: Discusses the importance of getting to the hospital early and the role of the doctor in monitoring and managing the situation.
- What Should I Do if I Think I Am in Preterm Labour?**: Lists signs and symptoms like vaginal bleeding, pelvic pressure, and changes in discharge, and advises to call the doctor immediately.

- [Social support](#)
- [Couple relationship](#)
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Evidence-Based Antenatal Care Planner

[Introduction](#) | [Resource](#) | [Forms](#) | [McMaster Antenatal 4](#) | [Patient Info](#) | [Slide Shows](#)

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- [Financial difficulty](#)
- [Parenting concerns](#)
- [Healthy Baby/Healthy Children referral](#)

Discussion topics

- [Smoking Cessation](#)
- [Alcohol](#)
- [HIV testing](#)
- [MSS or Genetic testing](#)
- [Breast feeding: ask "what do you know about breastfeeding?"](#)
- [OTC drugs](#)
- [Toxoplasmosis \(cat litter\)](#)
- [Varicella/Parvovirus risk](#)
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- [General Nutrition](#)
- [If less than 12 wks continu .4mg folic acid](#)
- [Calcium sources \(1500mg/day\)](#)
- [Balanced diet](#)
- [Vomiting](#)
- [Constipation](#)

Physical Examination

- [Weight\(kg\)](#)
- [Height\(m\)](#)
- [Pre-preg Weight](#)
- [BMI](#)
- [BP](#)



Antenatal Checklist

one N/A

Visits every 4 weeks until 32 weeks - weight, blood pressure, urine for protein/glucose, symphysis fundal height, fetal heart beyond 12 weeks

Initial Assessment:

- History**
- Complete antenatal one, first line of antenatal two, risk score and SIGN

Physical Examination

- Complete physical exam including breast exam
- Pap - may defer if patients low risk and recent PAP < 12 months
- Record uterine size in wks under uterus on antenatal 1 - physical exam
- Cultures needed? - GC/Chlamydia
- Pelvic architecture - optional

Laboratory Tests/Investigations

- Rh, rubella, VDRL, hepatitis B screen, CBC**
- Review the need for ultrasound if uncertain LMP or size
- Discuss HIV and MSS testing at this visit or next
- Urinalysis and culture**

Other

- Review the chart with the OB supervisor
- Will you be available to provide intrapartum care? If not discuss transfer to a resident who will
- Give patient the hospital prenatal clinic package
- Recommend 4 mg of folic acid to prevent neural tube defects
- (RISK: Smoking)**Smoking Cessation Counselling
- (RISK: Seizure Disorder)**Monitor serum levels of anticonvulsants
- (RISK: Seizure Disorder)**A higher daily dose of folic acid **5 mg** is recommended until 12 weeks

May 30, 2001 Week 12

- Record lab at the top of antenatal 1
- Review need for iron, **rh immune globulin**
- MSS discussed and form signed
- HIV testing discussed now or prior
- Copy of antenatal 1 sent to Labor and Delivery
- Review and encourage breast feeding** if undecided at first visit

- MSS discussed and form signed
- HIV testing discussed now or prior
- Copy of antenatal 1 sent to Labor and Delivery
- Review and encourage breast feeding** if undecided at first visit
- Double book the 16 week visit with OB supervisor
- Book ultrasound at 18 weeks per SOGC guidelines
- (RISK: Smoking)**Smoking Cessation Counselling
- (RISK: Prev. PTL/PROM)**Consider consultation with an obstetrician
- (Risk: Prev. C/S)**Request copy of previous operative note
- (RISK: Prev. C/S)**enfy a lower transverse incision on an operative report
- (RISK: Prev. C/S)**Counsel regarding VBAC
- (RISK: Seizure Disorder)**Consider consultation with an obstetrician and/or neurologist
- (RISK: Seizure Disorder)**Monitor serum levels of anticonvulsants

Jun 27, 2001 Week 16

- Give MSS req n if patient has consented
- (RISK: Smoking)**Smoking Cessation Counselling
- (RISK: Seizure Disorder)**Monitor serum levels of anticonvulsants

Jul 25, 2001 Week 20

- Record date of quickening
- Discussion topics: physical and emotional changes, labor and pregnancy support
- Discuss signs and symptoms of preterm labour
- Give patient education pamphlet on preterm labour
- Reinforce or discuss breast feeding plans**
- Has patient booked prenatal clinic visit?
- Double book the 28 week visit with OB supervisor
- (RISK: Smoking)**Smoking Cessation Counselling

Aug 22, 2001 Week 24

- Counsel regarding signs and symptoms of preterm labour; give patient handout
- (RISK: Smoking)**Smoking Cessation Counselling
- (RISK: Prev. PTL/PROM)**Screen for bacterial vaginosis at the 24 week visit
- (RISK: Seizure Disorder)**Monitor serum levels of anticonvulsants

Sep 19, 2001 Week 28

- Rhogam given if necessary**
- Give yellow copy of antenatal 2 for patient to carry with her
- Review social risks from page 1 - consider a Healthy Babies referral**
- Counsel regarding signs and symptoms of preterm labour

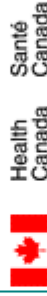


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1200 Main Street West,
Hamilton, Ontario, Canada L8N 3Z5

Perinatal Care Resource



CTFPHC



Web Resources:

1. [Drugs in Pregnancy](#)
2. [Family Centred Maternity & Newborn Care](#)
3. [CCAHS \(Australian Resource\)](#)
4. [Safe Motherhood \(Facts & Figures\)](#)
5. [Nutrition in Pregnancy](#)
6. [Nutrition for Healthy Term Infants](#)
7. [Iron Supplementation](#)
8. [Perinatal Folate](#)
9. [Exercise; Sports](#)
10. [Use of Ultrasound](#)
11. [Radiation](#)
12. [Occupational Exposure](#)
13. [Information on Genetic Diseases](#)
14. [Information on Rare Diseases](#)

Common Problems:

1. [Toxoplasmosis](#)
2. [Exposure to chickenpox during pregnancy; \(Varicella Resource\)](#)
3. [Drug of Choice for Morning Sickness](#)
4. [Asymptomatic Bacteriuria](#)
5. [Smoking Cessation](#)
6. [Stripping of Membranes](#)

Our Document Library

This resource page was developed by the Stork Club, members of the Department of Family Medicine, McMaster University. Contact: [Dr. David H Chan](#) ~ (Last update 2000/05/18) ~ Copyright 2000 Department of Family Medicine, McMaster University



[Varicella Zoster Virus and Pregnancy](#)

[CASE REPORT](#)

[RICELLA ZOSTER VIRUS](#)

[V Infections](#)

[V Infections](#)

[INFECTION in PREGNANCY](#)

[V in PREGNANCY](#)

[PREVALENCE of VZV](#)

[RICELLA PNEUMONIA](#)

[RICELLA PNEUMONIA in PREGNANCY](#)

[SPECTRUM of DISEASE](#)

[RICELLA OPHTHALMICUS in LATE PREGNANCY](#)

[ESTABLISHING SUSCEPTIBILITY](#)

[CERTAIN HISTORY? ANXIOUS PATIENT?](#)

[EXPOSURE IN PREGNANCY... WHAT TO DO](#)

[WHAT ABOUT VACCINATION?](#)

[VACCINATION.....](#)

Varicella Zoster Virus and Pregnancy

Christine Zrinscak

July 24, 2000

Web based full Electronic Health Record system

- provider remote (e.g. home, hospital, community office) secure access of shared patient record
- fully integrated with the (EBACP) to support evidence-based practice
- use of OSCAR to capture a comprehensive data source:
 - antenatal care
 - postpartum care
 - well-baby Rourke record
 - ALPHA assessment tool

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Messenger

Address: http://oscar1.mcmaster.ca:8080/oscar/index.html

OSCAR LOGIN

User Name:

Password:

Version: \$ 1.0 \$ Updated: \$Date: 2001/08/26 09:00 (EDT)\$

CAR is open source software. You are free to come to redistribute it under certain conditions:

• software at this point is tested for the NetScape Navigator 3.0 and later for other browsers, e.g. Netscape Navigator. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

[Click here for details.](#)



180 James Street South, Suite 302
Hamilton, Ontario

**Everything you and baby need...
...all in one place!**

We are working together to provide comprehensive, excellent, satisfying, personalized maternity care

Why choose the CMC?

- You will receive holistic care by skilled, experienced family physicians and delivery at St. Joseph's Healthcare
- The CMC Nurse Practitioner enhances the care you receive through additional teaching sessions and appointments when required
- Your prenatal care can be shared between the CMC and your own family physician
- The option of prenatal care and delivery by a midwife will be available by spring 2002
- You will have easy access to other professionals: dietitian, lactation consultant, social worker, and public health nurse
- Your care will be provided in a relaxed, comfortable office setting

Schedule for Today

Day Week Month

Mon, 2001-08-27

Monthly Template

Hello David H Chan

H Julia

Search/Add Patients

Jump to (yyyy-mm-dd):

2001 - 08 - 27

Generate a Report

Preference | Log Out

David H Chan

Black Smith

09:00	
09:15	
09:30	..Research meeting
09:45	
10:00	
10:15	CHISWELL,TRUDY
10:30	
11:00	AEBM,EDUARDO
11:15	AAD MEPPMN,MARY
11:30	
11:45	AANJJ,SHJAODIN
12:00	YESSP,JENNIFER

reason=Constipation notes=Please verify address

09:00	
09:15	
09:30	
09:45	
10:00	
10:15	
10:30	
10:45	
11:00	
11:15	
11:30	
11:45	
12:00	
12:15	
12:30	
12:45	
13:00	CASLIM,JESSICA
13:15	
13:30	
13:45	
14:00	
14:15	
14:30	
14:45	
15:00	
15:15	
15:30	
15:45	
16:00	
16:15	
16:30	
16:45	
17:00	
17:15	
17:30	
17:45	

..vacation

Monday, 2001-08-27

Jump to (yyyy-mm-dd): 2001 - 08 - 27

Preference | Log Out

Black Smith

Hello David H Chan

H Julia

David H Chan

09:00	09:00
09:15	09:15
09:30	09:30
09:45	09:45

Research meeting

ADD APPOINTMENTS - Microsoft Internet Explorer

MAKE AN APPOINTMENT

Date : 2001-08-27 Status : T

Start Time : 13:30 Type :

End Time : 13:44

Name : Search

Reason : Notes :

Location : Resources :

User Id : Muffin WebServer Date Time : 2001-8-28 10:3:33

Add Appointment Cancel

StoneChurch Family Health Centre

13:30	13:30
15:45	15:45
16:00	16:00
16:15	16:15
16:30	16:30
16:45	16:45
17:00	17:00
17:15	17:15
17:30	17:30
17:45	17:45

09:00	09:00	09:00
09:15	09:15	09:15
09:30	09:30	09:30
09:45	09:45	09:45

ADD APPOINTMENTS - Microsoft Internet Explorer

MAKE AN APPOINTMENT

Date : 2001-08-27 Status : T

Start Time : 13:30 Type :

End Time : 13:44

Name : Search

Reason : Notes :

Location : Resources :

User Id : Muffin WebServer Date Time : 2001-8-28 10:4:14

StoneChurch Family Health Centre

- CHISWELL,TRUJ
- AEBM,EDUARD
- AAD MEPPMN,M
- AANJJ,SHJAOD
- YESSP,JENNIFE

13:30	13:30	13:30
15:45	15:45	15:45
16:00	16:00	16:00
16:15	16:15	16:15
16:30	16:30	16:30
16:45	16:45	16:45
17:00	17:00	17:00
17:15	17:15	17:15
17:30	17:30	17:30
17:45	17:45	17:45

Schedule for Today

Monthly Template

Search/Add Patients

Generate a Report

Day Week Month

Jump to (yyyy-mm-dd): 2001 - 08 - 27

Preference | Log Out

RESTORE

David H Chan

:00	
:15	
:30	
:45	
:00	
:15	..Research meeting
:30	
:45	
:00	
:15	CHISWELL, TRUDY
:30	
:45	
:00	
:15	AEBM, EDUARDO
:30	
:45	
:00	
:15	AAD MEPPMN, MARY
:30	
:45	
:00	
:15	AANJJ, SHAODIN
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Monday, 2001-08-27

01 - 08 - 27

Research

Reference | Log Out

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Update

AEBM, EDU

Amoxil 250 mg TID x 10days

AAAD MEPP

colace 100mg bid x 2 wks

AANJJ, SHJ

Family Social History.

YESSP, JEN

Alert:

Billed

Problem List:

2001-08-28 06:01:28 SOAP: constipation [Billing:obstetric Form:Antenatal Care Form.ALPHA]Prescribe

Medication:

2001-08-28 06:00:03 URTI [Form:ALPHA Form:Antenatal Care

History

2001-08-28 05:55:21 : backache [Form:Antenatal Care ... more

Form

2001-8-28 | 9:58

Template

DAVID H CHAN

Subject:

This Encounter

Content:

Prescribe

Attachments:

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Monday, 2001-08-27

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YESSP, JENNIFER 23 F RS: NONE

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Problem List:

Medication:

Amoxil 250 mg TID x 10days
colace 100mg bid x 2 wks

Alert:

Family Social History:

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2001-08-28 05:55:21 : backache [Form:Antenatal Care
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2001-8-28 | 9:58

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- ALPHA
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Done N/A Save Notes Print

Antenatal Checklist

Visits every 4 weeks until 32 weeks - weight, blood pressure, urine for protein/glucose, symphysis fundal height, fetal heart beyond 12 weeks

Initial Assessment

History

- Complete antenatal one, first line of antenatal two, risk score and SIGN

Physical Examination

- Complete physical exam including breast exam
- Pap - may defer if patients low risk and recent PAP < 12 months
- Record uterine size in wks under uterus on antenatal 1 - physical exam
- Cultures needed? - GC/Chlamydia
- Pelvic architecture - optional

Laboratory Tests/Investigations

- Rh, rubella, VDRL, hepatitis B screen, CBC
- Review the need for ultrasound if uncertain LMP or size
- Discuss HIV and MSS testing at this visit or next

Urinalysis and culture

-

Other

- Review the chart with the OB supervisor
- Will you be available to provide intrapartum care? If not discuss transfer to a resident who will
- Give patient the hospital prenatal clinic package
- Recommend .4 mg of folic acid to prevent neural tube defects
- (RISK: Smoking)** Smoking Cessation Counseling
- (RISK: Seizure Disorder)** Monitor serum levels of anticonvulsants
- (RISK: Seizure Disorder)** A higher daily dose of folic acid **5 mg** is recommended until 12 weeks

Monday, 2001-08-27

01 - 08 - 27

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Reference | Log Out

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ENCOUNTER - Microsoft Internet Explorer

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ENCOUNTER

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YESSP, JENNIFER 23 F RS: NONE

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Update

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Problem List:

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Medication:

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Amoxil 250 mg TID x 10days
colace 100mg bid x 2 wks

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Alert:

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Family Social History:

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2001-08-28 06:01:28 SOAP: constipation [Billing:obstetric Form:Antenatal Care
Form:ALPHA]Prescribe

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History 2001-08-28 06:00:03 URTI: URTI [Form:ALPHA Form:Antenatal Care
2001-08-28 05:55:21 : backache [Form:Antenatal Care
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Monday, 2001-08-27

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YESSP, JENNIFER 23 F RS: NONE

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Other Symptoms and Signs:

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Potential Future Collaboration

- Health Canada grant to extend OSCAR+EBACP to British Columbia, Alberta & Nova Scotia
- Data linkage with CIHI data source
- Collaborative resource centre for clinicians and patients

CMC
CMC



The Collaborative
Maternity Centre
will open Sept. 10, 2001

FOR MORE INFO...

visit our prototype web-site:

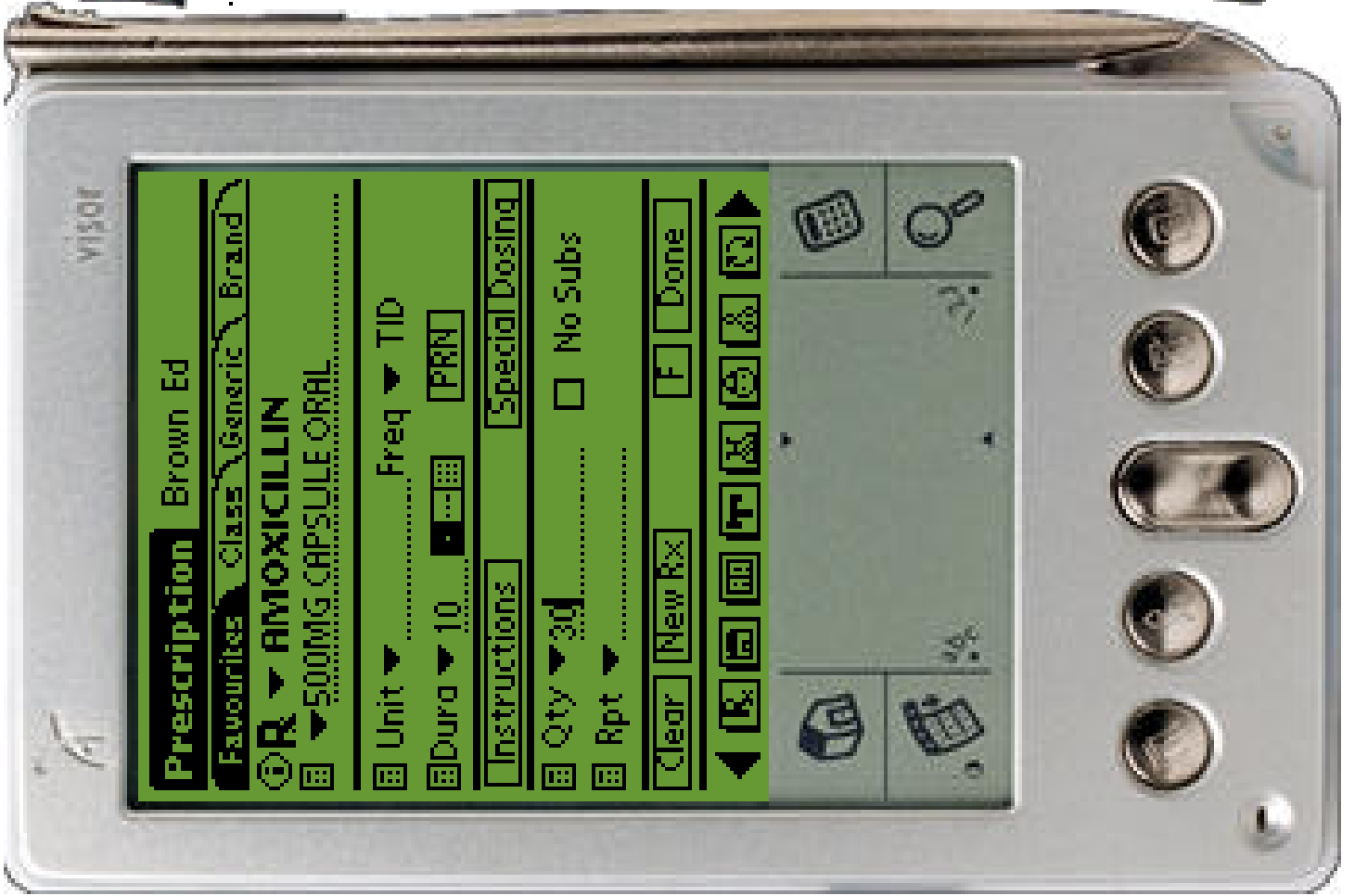
<http://oscar-cmc.org>

Collaboration with Industry Partners





AUG 30 2001





AUG 30 2001



TEXTBOOK	DRUG INFO	MEDLINE	GUIDELINE	JOURNALS	COCHRANE	PATIENTS
386	42	35123	68	221	34	28

Hits:

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SKOLAR automatically searches for both the American English and the British English spelling of your search terms. This feature is based on the UMLS specialist lexicon, a product of the U.S. National Library of Medicine.

	Volume	Topic	Sub Topic	Question 1 of 37 Question ID: 23
demo	Jan.25th,2001 Mar.08th,2001 Study this Volume	Study this Topic	Study this Sub Topic	

Each of the following statements about late luteal phase dysphoria disorder (premenstrual dysphoria disorder) is true, except:

- A :Fluoxetine is an effective treatment.
- B :It disappears within a few days after the onset of menstrual bleeding.
- C :It affects up to 50% of North American women in the reproductive years.
- D :Irritability is a prominent symptom.

											
me	History	E-mail	Print	Build	Search	Upload	First	Prev	Next	Last	Report