

GRANDE RONDE HOSPITAL

REMOTE PRESENCE  
TELEMEDICINE NETWORK  
A SUCCESSFUL MODEL FOR  
RURAL HEALTHCARE

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# This Collaboration



**Saint Alphonus**  
CENTER FOR ADVANCED HEALING

- ◆ Saint Alphonus Regional Medical Center,  
Boise, Idaho  
365 bed Regional Medical Center



**GRANDE RONDE HOSPITAL**

- ◆ Grande Ronde Hospital,  
La Grande, OR  
25 bed Critical Access Hospital  
177 miles west of Boise



# Grande Ronde Hospital

## **Mission**

*We will assure **access** to superior quality, affordable health care for all those in need of our services, including underserved populations in our community*

## **Vision**

*We will be recognized as a premier small and rural health system based on the quality of our clinical services and effective outcomes, the competency and compassion of our staff, **our application of technologies**, our financial stability and value of our services, our creative and skillful leadership, **and our emphasis on community need**, health promotion, patient education and disease prevention.*

# Remote Presence Programs

- ★ **Neonatal Intensive Care**

- ↳ Neonatologists Consultations available 24/7 for Assessment of Newborns

- ★ **Maternal-Fetal Medicine**

- ↳ Ultrasound Interpretation and Consultation for High Risk Pregnancies

- ★ **Cardiology**

- ↳ Assessment & Intervention & Outpatient

- ★ **Intensive Care**

- ↳ Intensivist Consultation for hospitals that lack this specialty



...continued

# Remote Presence Programs

- ★ **Stroke Program**

- ↳ Provide rapid consultation for people who present with stroke symptoms to ascertain potential for intervention

- ★ **Mental Health Assessments**

- ↳ Provide risk-assessments in emergency departments

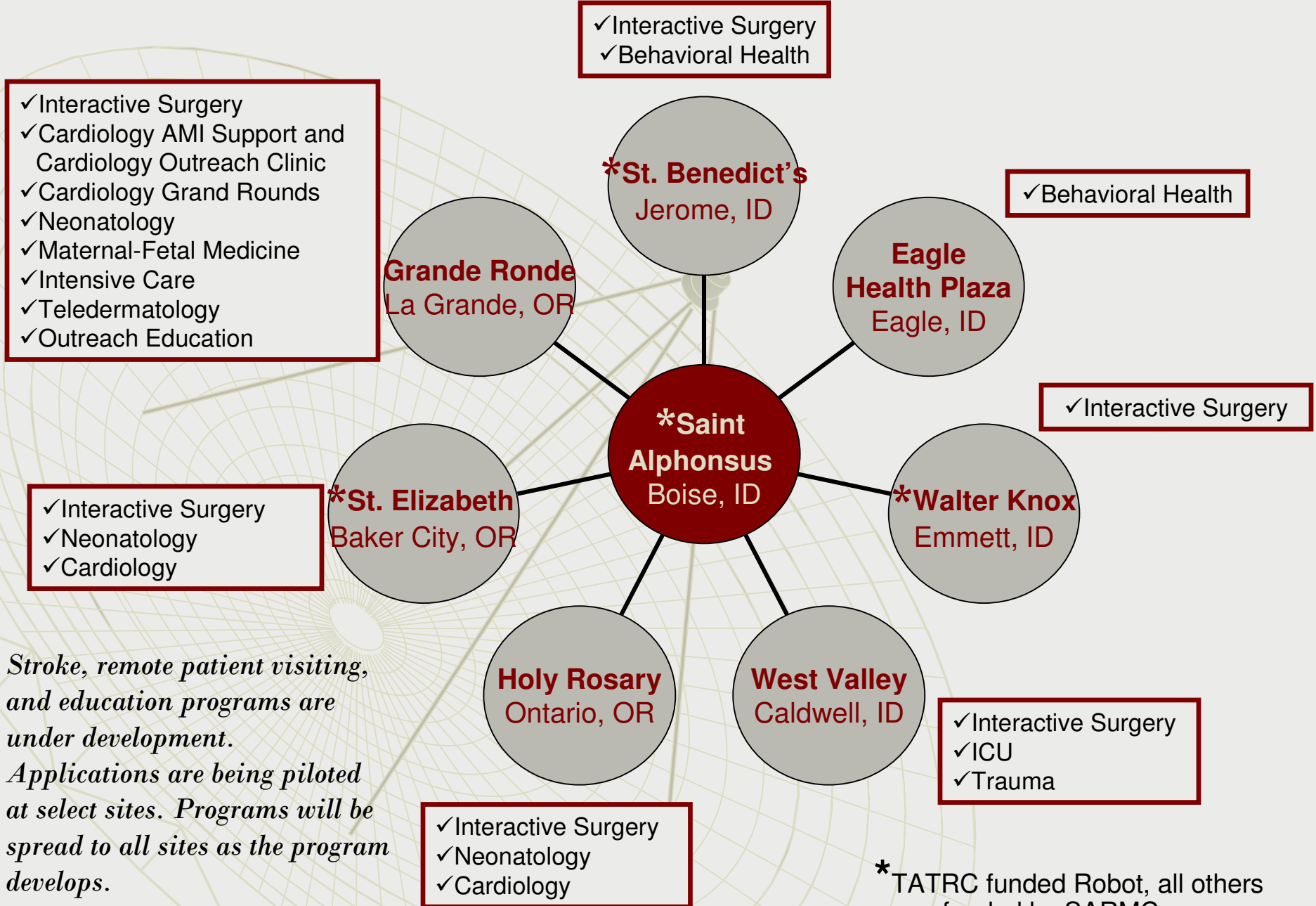
- ★ **Psychiatric Clinics**

- ↳ Provide on-going psychiatric care to patients in remote areas

- ★ **Outreach Education--*Perioperative Nurse Education***

- ↳ Provide education for physicians, nurses, and patients

# Remote Presence Network and Applications



*Stroke, remote patient visiting, and education programs are under development.*

*Applications are being piloted at select sites. Programs will be spread to all sites as the program develops.*

\*TATRC funded Robot, all others are funded by SARMC



# Where We Are

- ◆ RP7 Control Station in the Regional Medical Clinic
- ◆ Overall acceptance by the Medical Staff
- ◆ ICU Intensivist program began August, 2008
- ◆ Multiple Successes
  - Cardiology
  - Neonatology
  - Grand Rounds, Physician Rounds
  - Outpatient Cardiology Clinic
  - Ambassador Program
  - Telebaby
  - Outreach Education

# Grande Ronde Hospital's Network





# Noteworthy Successes

- ◆ Cardiac Care in the Emergency Room
- ◆ Neonatology Consults
- ◆ Telebaby Events
- ◆ Intensive Care
- ◆ Outpatient Cardiology Clinic
- ◆ Dermatology



# Challenges Opportunity & Success!

- ◆ **Oregon Medical Board  
experience 847-025-0000 (b)**

*"The physician shall examine the patient in person prior to diagnosing, treating, correcting or prescribing..."*



# Current Month's Activity

October 1-14, 2008

- ◆ ICU Consultation--Advanced ICU X4
- ◆ ICU Cardiology Consult with Echo X1
- ◆ Neonatal Consults X3
- ◆ Mother Baby Reunions X3
- ◆ Outpatient Cardiology ECHO X1
- ◆ ER Grand Rounds X1
- ◆ Echo Grand Rounds X1



# Where We're Going

- ◆ Neurology for Acute Stroke and consults in the hospital (*UCLA Medical Center and Saint Alphonsus*)
- ◆ Teledermatology (*Independent Practice, Indiana*)
- ◆ Telepsychiatry
- ◆ Pilot a fixed device for remote presence consults in the clinic setting



**What is Needed to  
Succeed  
and**

**Fully Develop our Vision?**

**THE MODEL FOR THE FUTURE OF RURAL HEALTHCARE**



# **Address Reimbursement for Telemedicine**

- Intensive Care
- Acute Stroke and Neuro Trauma



# **Deploy a fixed device for Specialty Consultations in the Regional Medical Clinic**

- Dermatology
- Neurology
- Psychiatry
- Cardiology

# Any Questions?



*"Nurse, get on the internet, go to SURGERY.COM, scroll down and click on the 'Are you totally lost?' icon."*

*We would like to thank and recognize the following organizations and their people:*

- ◆ *In Touch Health*
- ◆ *Advanced ICU Care*
- ◆ *GRH Hospital Leadership and CEO Jim Mattes*
- ◆ *St. Alphonsus Hospital Leadership and CEO Sandra Bruce*
- ◆ *Oregon Association of Hospitals & Healthcare Systems*
- ◆ *The Telemedicine and Advanced Technology Research Center*

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