

Connectivity to Further the Health Care Mission—The Rural Perspective



GRANDE RONDE HOSPITAL

IMPACT

OF I-84 CLOSURE FELT ACROSS REGION



Phil Bullock / The Observer

Kyle O'Brien, transportation maintenance specialist for ODOT, left, spent Monday morning informing westbound freeway travelers, including Forest Service worker Bill Gamble, right, about the closure on Interstate 84.

“The crash prompted a three-county, 200-mile closure of the westbound lanes of I-84, effectively severing the vital commercial truck route from Boise, Idaho, to Portland. The closure was the fourth one in less than a week for the interstate because of vehicle crashes and severe weather conditions.”

■ State trucking association says costs of long road delays can be passed on to customers

By Pat Caldwell and Kelly Ducote
WesCom News Service

A multi-vehicle crash Sunday night near Pendleton that shut down a large section of the westbound lanes of Interstate 84 and left two people dead also reverberated across the region in terms of economic impact and stalled commerce.

The Oregon State Police, collision reconstructionists and Oregon Department of Transportation officials searched for answers at the scene of the crash — near Deadman's Pass on Cabbage Hill — through Sunday night and into Monday. The OSP said initial information indicated a commercial truck



Oregon State Police photo

Oregon State Police troopers continue to investigate Sunday night's multiple crashes involving commercial motor vehicles along Interstate 84 east of Pendleton.

traveling west near milepost 221 lost control on ice and slammed into the side of the road with its trailer partially on the roadway.

The crash prompted a three-county, 200-mile closure

of the westbound lanes of I-84, effectively severing the vital commercial truck route from Boise, Idaho, to Portland.

The closure was the fourth one in less than a week for the interstate because of vehicle

crashes and severe weather conditions.

“This is the first time I can recall where we've closed it down multiple times within one week because of crashes and dense fog. It is particularly nasty this year,” ODOT Region 6 Public Affairs Officer Tom Strandberg said.

As the road was closed down, the impact was felt from La Grande to Ontario as large numbers of semi-trucks pulled off the freeway.

According to ODOT traffic data, daily traffic on Interstate 84 is lowest during the winter but the main east-west transportation artery still sees more than 6,000 vehicles per day. For example, at milepost

See **Closure** / Page 5A

From a Rural Perspective – Why Telehealth?

- ✓ Improves quality by the use of specialty physicians
- ✓ Provides access to care
- ✓ Keeps healthcare dollars in the community
- ✓ Encourages staff enhancement
- ✓ Fosters relationships with affiliate partners
- ✓ Increases reputation for remote and distant site
- ✓ Recruitment and retention tool
- ✓ Provides an increased caseload to facilitate a larger group and less call responsibility

ICU Experience



In 64 Months:

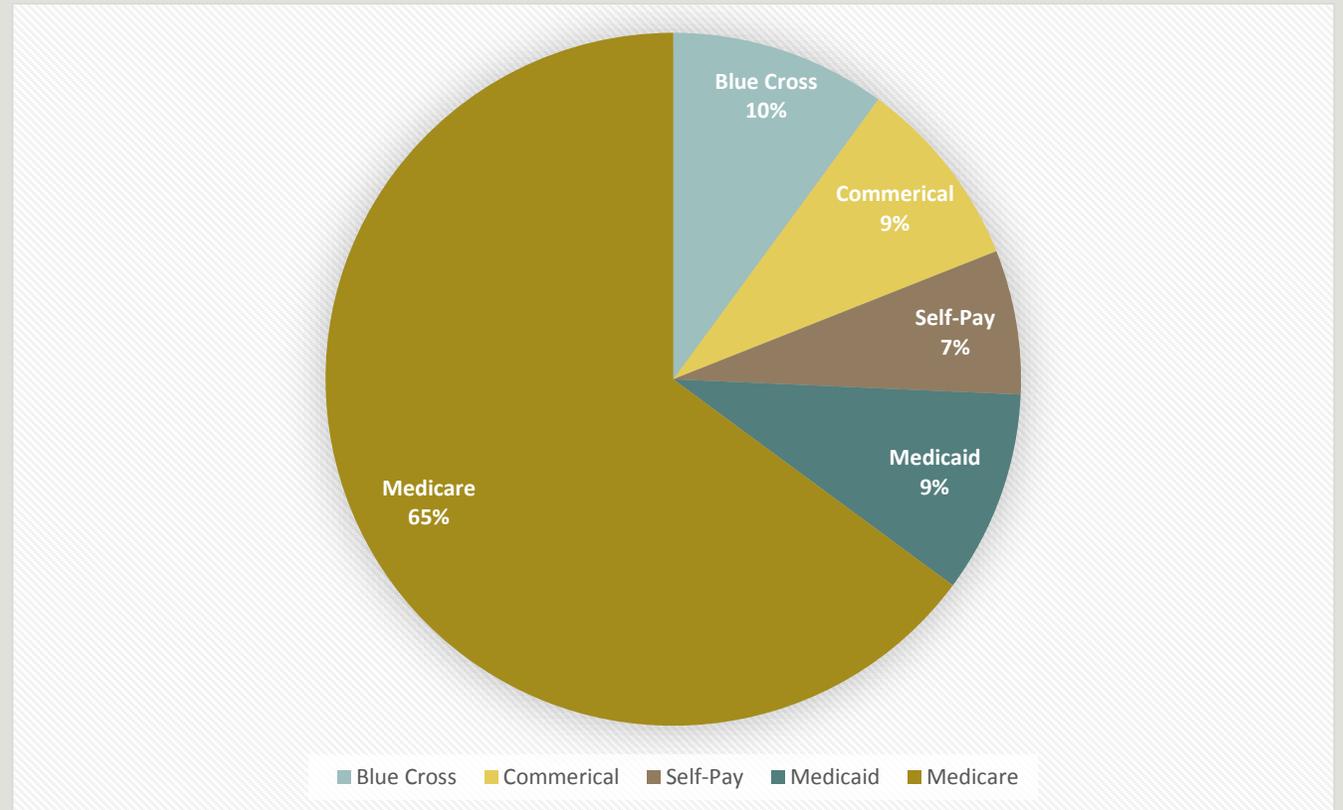
- 69 Patient Transfers Have Been Avoided
=\$1,932,972 savings to the system

Average Length of Stay: 7.47 days

515 Additional GRH ICU and MedSurg Days

Remote ICU Data

- 85 patients
- 309 consultations
- Average consult = 12 minutes
- 16 patients transferred as the care progressed
- 69 patients clearly would have been transferred without AICU coverage



GRH TeleOncology

- The circumference of the earth at the equator is:

24,901 miles



- In 26 months the GRH TeleOncology Program has saved patients:

36,737 miles

GRH TeleOncology Experience

- The average patient visits his or her treatment team twice per month. Some visits are as often as 3 times per week.
- The average visit time for a treatment, not including travel time, is 4 hours.
- Some patients are able to go back to work the same day they receive their treatment.
- The normal initial treatment plan is 6 months with many plans lasting the duration of the patient's life.



TeleOncology Impact

191 Patients Saved:

- 36,737 miles traveled
- \$18,729 in travel expense
- 717 hours travel time (patient only)
- 291 hours travel time (physician)

***In just the first nine days of April
19 patients saved,
5,384 travel miles,
87 hours of travel time, and
\$3,041.96 in travel expenses!***

Neonatal Intensive Care

- Neonatologists consultations available 24/7 for assessment of newborns



TeleEndocrinology

- Each visit saves 3 ½ hours of travel time –

64,728 miles saved = \$37,542.00

- Reduces “no show” rate

- Facilitates primary care—specialist relationships

- DM affects an estimated 23.6 million people in the United States and is the 7th leading cause of death.
- DM Lowers life expectancy by up to 15 years.
- Increases the risk of heart disease by 2 to 4 times.
- Is the leading cause of kidney failure, lower limb amputations, and adult-onset blindness.

TeleDermatology



TELEdermatology
COMING SOON THANKS TO YOUR SUPPORT!

August 2010
Grande Ronde Hospitals other successful Telemedicine Programs include:
• Oncology
• Interpretive Svcs
• Intensive Care
• Cardiology
• Neonatology

THE BENEFITS OF TELEMEDICINE
Access to high-quality, cost-effective health services.
Each visit will save patients 3.5 hours travel time & \$83 in travel expense.
World class healthcare right in your own backyard.

High resolution digital imaging allows the physician to make an immediate diagnosis or to refer you for further testing. Ask your physician for a referral today!

GRH Regional Medical Clinic is pleased to announce its newest service: Teledermatology via Remote Presence Technology.

Please welcome Dr. Francisco D. Hernandez & Dr. Jeffrey Stiles to the Medical Clinic.

229 patients saved:

 49,016 miles

 \$24,511 in travel expense

 1,021 hours of travel time

Facilitating Language Access



- **Effective communication is a critical aspect of safe, quality patient care**
- **In the United States there are:**
 - 28 million people with hearing loss
 - 47 million people who speak a language other than English
 - JCAHO, CMS & Office of Civil Rights regulations



TeleSleep

In 12 months **294** patients saved:

- ✓ 101,136 miles of travel
- ✓ \$54,613 in travel expenses
 - 40 million people in the U.S. have a chronic sleep condition

TeleHospitalist Program

- **Night Coverage**
- **Cross Cover Call**
- **On-site Coverage Relief**



Tega Cay, SC • Lawrence, KS • Warner Robbins, GA • Bet Shemesh, Israel • Paris, France

TeleCardiology Services



- ✓ ER Consults
- ✓ Inpatient Consults
- ✓ Stress Echocardiograms
- ✓ Outpatient & Pacemaker Clinic
- ✓ CHF Consultation & Teaching



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