

10-1-026

# NW COLORADO DENTAL CARE CLINIC

485 Yampa Avenue  
Craig, Colorado 81625  
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July 18, 2011,

Colorado Rural Health Center  
3033 South Parker Rd, Suite 606  
Aurora, CO 80014


RE: Final Report  
ID# 10-1-026

To Whom It May Concern:

Please find enclosed the final report for funding received July 1, 2010- June 30, 2011, Grant Number 10-1-026.

Again, I would like to thank you for your financial support of our organization. The equipment purchased with these funds will continue to make a positive impact in the diagnosis of oral disease.

Sincerely,

  
Janet Pearcey  
Executive Director NWDC

## NARRATIVE - Final Report for Northwest Colorado Dental Coalition

### A. Results/Outcomes

1. **Please describe the progress made toward the stated goals and objectives related to this specific grant.**

Northwest Colorado Dental Coalition (NWCDC) purchased a Panoramic Imaging Unit called the OP30 Digital Panoramic x-ray and the Dexis Sensor System. The units were installed and training was completed June 27, 2011.

2. **What difference did this grant make in your community or neighborhood and for the population you are serving? Please discuss evidence of effect (e.g. numbers served, demographic information, community indicators, outcomes, client satisfaction survey results, etc.). *Note: If you have evaluation materials that document outcomes and impacts of your work, feel free to attach in lieu of answering this or other questions.***

The grant enabled NWCDC to purchase these essential pieces of diagnostic equipment. Without the funding received from Colorado Rural Health Care Grant Program, NWCDC would not have financially been able to purchase the equipment.

The previous panoramic imaging unit was a donated piece of equipment and because of the age and extensive usage, repairs to the machine were becoming frequent. In most cases when the unit was needed it did not work or the radiographs were too dark to accurately diagnose oral disease. This required the patients to either wait until the unit had been repaired or NWCDC would contract with another local provider who would allow us to use their x-ray unit. This postponed treatment and became inconvenient for patients.

With the new equipment, x-rays are sharp, vivid and are of excellent diagnostic quality. The images are saved electronically and can be sent to a specialist or other dentist electronically. This decreases NWCDC's cost by reducing the amount of staff time required to duplicate the radiographs as well as decreasing the developer, fixer and maintenance needed for the processor. Being able to send radiographs electronically to other dentists or insurance companies reduces the risk of losing or misplacing the x-rays in the mail.

Originally, NWCDC submitted the proposal to purchase the Orthoralix 8500 Pagasus and VisualiX eHD Combo Sensors. As NWCDC conducted more research into the products, warranties, consumer recommendations, and manufacturers promotions, the decision was made to purchase the OP30 and Dexis system. This process required a great deal of patience and time, thus the delay in purchasing and installing the equipment.

During the funding cycle NWCDC took seventy panorex x-rays and seven hundred eleven periapical x-rays.

**Describe collaborations, if any, related to the work funded by this grant and how it impacted your efforts.**

NWCDC gathered information from pediatric dental providers in Rifle, Colorado, on their overall satisfaction with the x-ray systems they use. NWCDC provides dental care to a large number of young children and it was important to purchase digital software that could easily be used on children. Each manufacturers' product is slightly different in shape and size. It was important to purchase the product that children would tolerate the most.

## **B. Photographs and Testimonials**

1. Please provide any photographs or testimonials that demonstrate the impact the project has had on the community.
2. Please provide an example of a success story that demonstrates the benefit of the project to your community.

## **C. Future Plans**

1. **What are the plans for sustaining the impact of the use of these funds?**

The OP30 Digital Panoramic X-ray unit comes with a three year manufacturers warranty. NWCDC will perform regular maintenance and absorb the cost associated with the maintenance of the equipment. The OP30 is manufactured by Instrumentarium, who has an outstanding reputation and has been in the industry for fifty years. Instrumentarium was the pioneering force in the development of the first panoramic unit.

NWCDC will maintain the Dexis Sensor system and software by continuing the service contract upon expiration of the two year manufacturers warranty.

The overall cost that will be saved by no longer having to purchase developer and fixer for the traditional x-ray processor will cover the cost of routine maintenance of the new digital equipment.

2. **What plans do you have to communicate your outcomes and lessons learned with others?**

NWCDC will gladly share our findings with other organizations who are looking at purchasing x-ray equipment and digital software.

3. **If you have identified areas where increased collaboration between organizations or sectors would lead to increased positive outcomes for your constituents, briefly describe your ideas.**

In regards to this grant, communication with other dental professionals was critical in purchasing the appropriate equipment for our needs. Approximately thirty two percent of clients seen by NWDCDC are under the age of eight. NWDCDC was able to visit with pediatric clinics to determine what systems worked for them and why. This feedback involved: ease in placement of sensor for younger children, durability, diagnostic quality, and overall satisfaction with the product.

## **D. Other Comments**

1. Please share with us any recommendations you have for our grant making or reporting process.

## **II. FINANCIALS**

1. Please provide income and expenditure information compared to the approved budget for that project or program. If there are any major variances, please explain.

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To Whom It May Concern:

My name is Dana Fujita and I am one of the dentists at NWCDC. The clinical staff and I are very excited to have the new OP30 panoramic x-ray unit as well as the Dexis digital sensor system. Both units are extremely reliable and are user-friendly. The image quality of both the panoramic and intraoral radiographs is excellent and diagnostic.

Our patients benefit from this new technology because they no longer have to reschedule their appointments and wait for our equipment to be repaired like they did before. They also benefit because the taking of radiographs is more efficient, thereby shortening their appointment times.

Another positive aspect of the new equipment is that the patient receives less radiation exposure than with traditional x-rays. We are also able to electronically and instantaneously send the images to a specialist, insurance company or another dentist.

Sincerely,

 DDS