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(740) 283-8530 **GENERAL HEALTH DISTRICT**

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## **SCABIES!! STOP THAT MITE!**

### **JEFFERSON COUNTY HEALTH DEPARTMENT**

The purpose of this project is to provide education to nursing facility staff on the diagnosis, treatment, control and prevention of scabies in long term care facilities in Jefferson County.

According to the federal Centers for Disease Control and Prevention (CDC), institutions such as nursing facilities are often sites of scabies outbreaks. As we age, our skin becomes thinner, loses elasticity, and heals at a slower rate. These changes make older individuals especially prone to a number of skin conditions that would not otherwise be serious health issues. One of these conditions is scabies. Scabies is caused by an infestation of the upper layer of the skin by microscopic scabies mites.

The training and curriculum was available to all staff and administrators at the following nursing facilities:

1. Dixon Nursing Home
2. Catherines Care
3. Martha Manor
4. Lancia Royale
5. Sienna Nursing Facility
6. Villa Vista
7. Altercare Adena
8. County Club Manor
9. Laurels

We finalized the details of the project and introduced the curriculum on February 01.2019 to all Directors of Nursing and Assistant Directors of Nursing. This enabled us to schedule dates and answer questions. Prior to the scheduled date at the facility a reminder telephone call was conducted.

The Achievements of the second quarter is as follows;

Participation Percentage: Dixon 92% Catherines 75% Martha Manor 100% Lancia Royale 80%

By comparison of the above mentioned care facilities, pre and post test scores had a 15% knowledge gained.

This was achieved by the book module and the instructors knowledge of the curriculum. After preparation, we concluded that the JVS video was less effective then the scabies picture boards that was prepared. (we added this at a later date)

The third quarter was equally successful, reminder telephone calls were utilized.

The Achievements of the third quarter is as follows;

Participation Percentage: Sienna 79% Villa Vista 85% Laurels 83% Altercare Adena 100%  
Country Club Manor 93%

By comparison of the above mentioned care facilities, pre and post test scores had a 9% knowledge gained.

Certificates and scabies books were given to all participants. This allows the employees and nursing facilities to utilize and refer when needed.

Follow up was made at Martha Manor and Catherines by request. Follow up calls and thank you cards were sent to all participating facilities.

Total participants: 255

The research that initiated this project was conducted by Kim Mark. She noted in 2017-2018 there were 26 documented calls by long term care facilities with reports of scabies. 2019 there were 9 reported calls of scabies. This is a 65.4% decrease in reported nursing facility calls.

This project was successful with the participation rate and enthusiasm for the topic. This is attributed to the knowledge of the presenter, the introduction of the curriculum, reminder calls, scabies book, scabies picture board, and the surveys.

In conclusion, our goals were met with a reduction in scabies notification, and the number of participants that were introduced to this program.