

Trans VDO Clip to Line: Application for Educator Diabetes Suggest Patient Management-SMBG Nampeth Saibuathong, MEd, APN

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Introduction

- ★ Diabetes is a chronic disease that causes many complications. Resulting in the loss of functions of various organs of the body such as eyes, kid neys, heart, nervous system and blood vessels.
- If a diabetic patient controls blood sugar levels in the target is The greater the risk of chronic complications.
- **★** Blood glucose monitoring is a tool for increasing potential and empow erment with the ability to take care of themselves.
- **★** Therefore SMBG is essential in teaching diabetes patients in the clinic The major problems are 1. Patients forget how to do And 2. Use incorrect tools.
- **VDO Clip is important. That will help learn more Patients and families can revisit it from a VDO clip,**
- Especially for older patients, which may allow their children to learn through VDO clips.

Goals and objectives

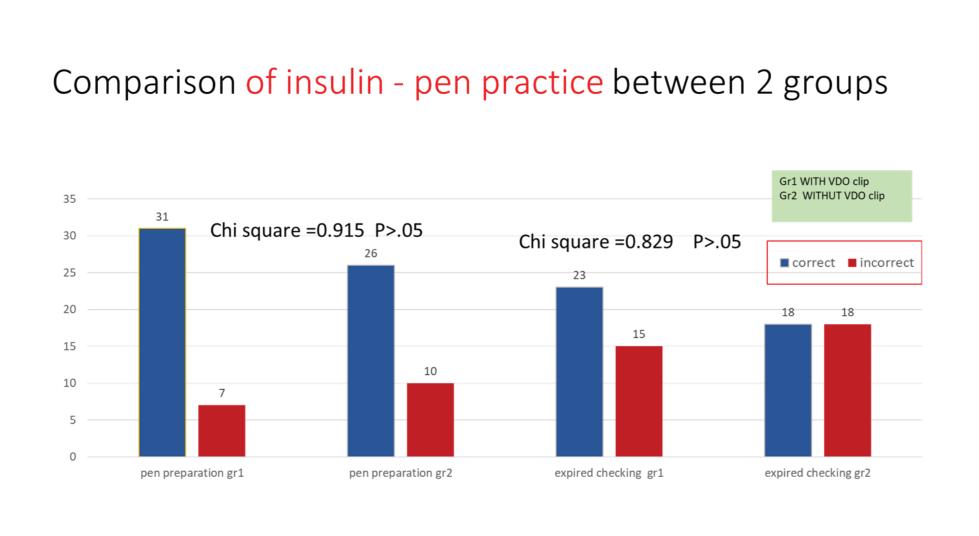
- **★**To compare achievement of teaching to use self- monitor blood glucose (SMBG)regulator
- between the group taught by using VDO clip to line application and an other group taught without VDO clip

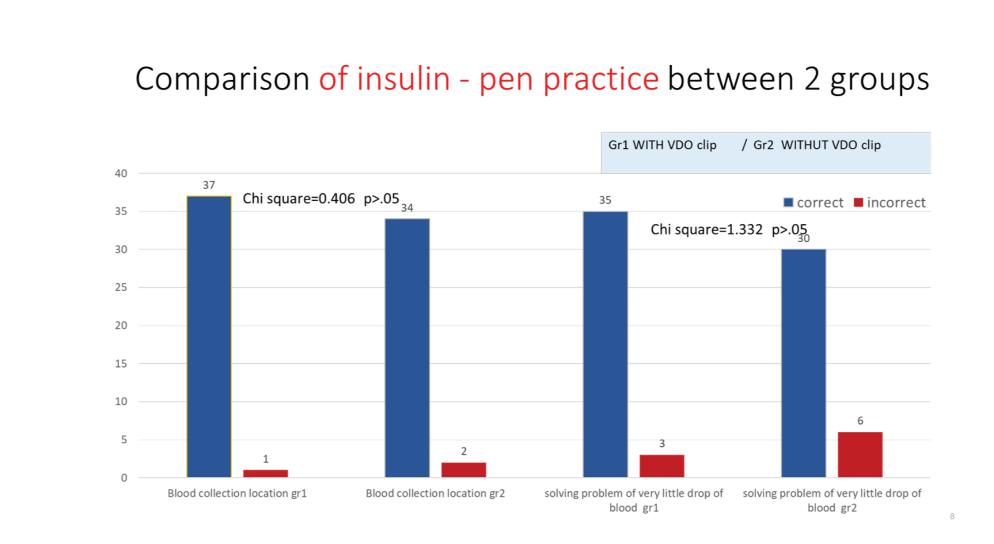
Material and Methods

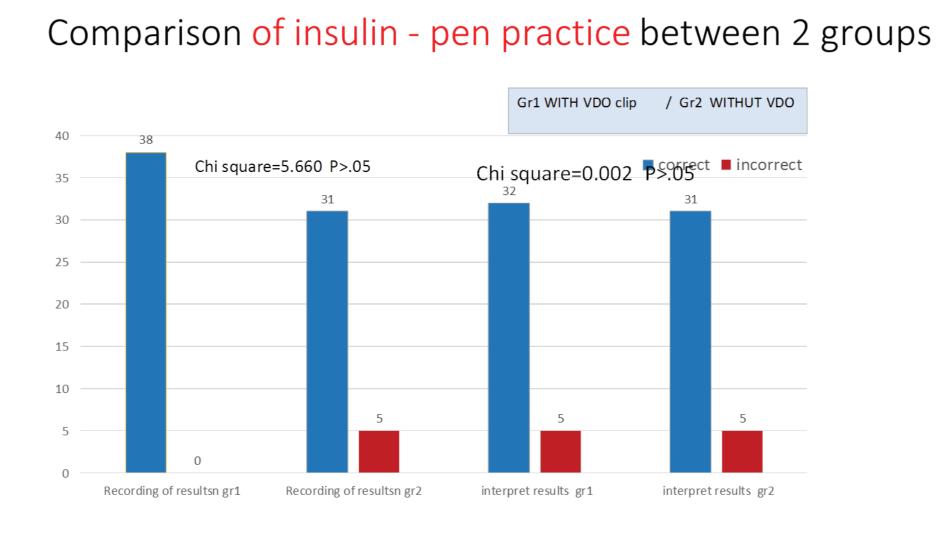
- **Quasi experimental study was conducted in outpatient diabetes clinic.**
- *Samples were 74 diabetes patients with 15 years old and over
- They were pescribed at the first time of pen injection in August 2015 to September 2017.
- **★**They were divided into 2 groups
 - 1.The first group had 38 the diabetes patients taught by educating video clip sent via LINE application and nurse demonstation
- 2. The second group 36 diabetes patients using old teaching method by nurse demonstration.

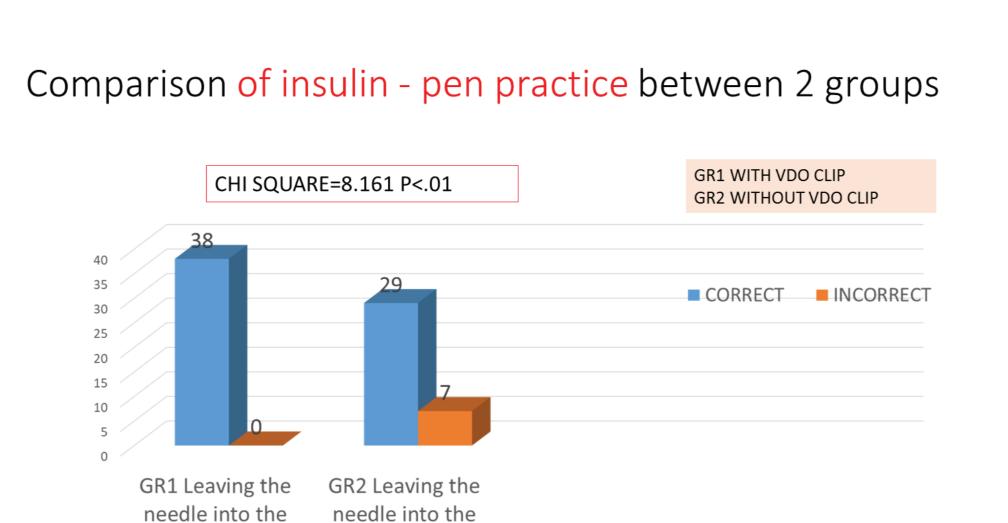
Data collection

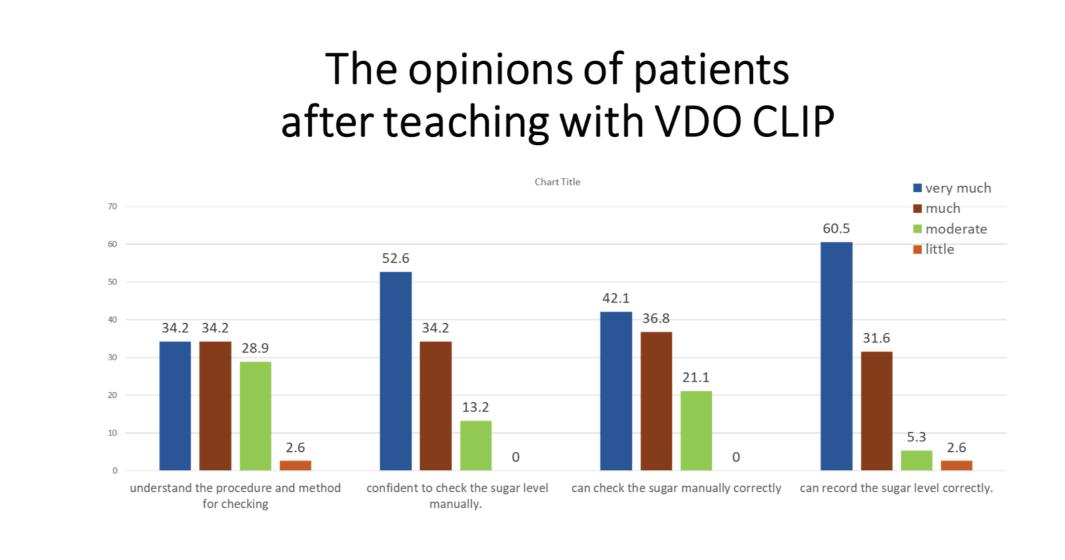
- ★ Research tools included the observation an evaluation form used to evaluate the achievement of teaching and learning at each stage of the use of the self- monitor blood glucose (SMBG) and the patient opinions form before and after teaching.
- * Data was collected in medicine clinic and family medicine clinic.
- **★** Data analysis: percentage and Odds Ratio analysis at significance level less than 0.05.











Result

- ★ Most of sample group were female diabetes patients, under 60 years old who use of the self- monitor blood glucose (SMBG) by them selves rather than by others.
- ★ The proportion of correct doing in the first group and the second groups were statistically significantly different (p <.05),in needle dis carding.(except for other aspects such as cleaning, blood collection,lancet using,lancet prickarea finding, etc.)
- ★ In addition, most of diabetes patients satisfied by learning from video clip via LINE application, saying that they enjoyed the video content and they could understand and use of the self- monitor blood glu cose(SMBG) better than before.

Conclusion

- ★ LINE application is another good electronic medium that can be used video clip sent via LINE application to teach diabetic patients to help patients learn before.
- It also allows patients to enjoy learning this method to educate in order to take care of themselves better in this way.
- The patients and family can learned this at home.