## **Appendix I**

## Surveying pharmacists' confidence in patient counseling on the safe use of regular U-500 (concentrated) insulin

The purpose of this questionnaire is to gather your perceptions of Humulin R regular U-500 (concentrated) insulin in your pharmacy practice setting. We ask that you please answer honestly – there are no right or wrong answers. This project is considered research. Completion of this questionnaire serves as informed consent to participate in this research project. The questionnaire will take approximately 10 minutes to complete. No external funding from any insulin manufacturers was used to support this research. If you have any questions or concerns, please contact Dr. Rick Hess (hessr@etsu.edu or 423-439-2075). Thank you in advance for your input! Your thoughts are valued!							
For purposes of this questionnaire, please consider the following terms:							
U-500 insulin: Humulin R® regular U-500 (concentrated) insulin							
<b>U-100 insulin:</b> Humalog® (lispro), Novolog® (aspart), Apidra® (glulisine), Humulin R® (regular), Novolin R® (regular),							
Humulin N® (NPH), Novolin N® (NPH), Lantus® (glargine), Levemir® (detemir), Humulin 70/30®, Novolin 70/30®,							
Humalog Mix 75/25®, Humalog Mix 50/50®, Novolog Mix 70/30®  1. What is your gender?							
2. What is your age?							
3. What type of pharmacy setting do you practice in? If you worked in more than one setting over the past 12 months,							
answer for the setting that you worked the most hours.							
☐ Ambulatory care clinic ☐ Independent ☐ Other (please specify)							
☐ Chain ☐ Hospital/Institutional							
4. What state do you currently practice in?							
5. What year did you graduate pharmacy school?							
7. On a typical day, what is the average number of prescriptions your pharmacy fills?							
8. How many times during each working day do you <u>dispense</u> U-100 insulin?							
□ 0 times □ 1-10 times □ > 10 times							
<ul> <li>9. How many times during each working day do you <u>counsel</u> on U-100 insulin?</li> <li>□ 1-10 times</li> <li>□ &gt; 10 times</li> </ul>							
10. When <u>counseling</u> on U-100 insulin, which of the following items do you cover? (Mark all that apply)							
☐ Checking blood sugar ☐ Insulin storage ☐ Weight gain							
☐ Disposal of syringes ☐ Injection technique ☐ Treatment of hypoglycemia ☐ Insulin dose ☐ Symptoms of hypoglycemia ☐ Timing of insulin injection							
<ul><li>11. Have you ever dispensed U-500 insulin? (if No, skip to question 12)</li><li>☐ Yes</li></ul>							
☐ No (skip to question 12)							
10a. How many times, over the last 6 months, have you <u>dispensed</u> U-500 insulin?							
10b. How many times, over the last 6 months, have you counseled on U-500 insulin?							
10c. What type of syringe do your patients use to inject U-500 insulin?							
☐ Insulin syringe ☐ Tuberculin syringe ☐ Unsure ☐ Both							
10d. How often do prescribers include both units and volume on U-500 insulin							
prescription orders? Example: Inject 0.25 mL (125 units) insulin SQ TID before meals. $\Box$ Never $\Box$ Half of the time $\Box$ All of the time							
☐ Seldom ☐ Most of the time							
12. Does your pharmacy keep U-500 insulin stocked as part of your normal inventory? Yes □ No □ N/A □							
On a scale of 1 (strongly disagree) to 5 (strongly agree), please indicate the extent to which you disagree/agree with							
each of the following statements							
1 2 3 4 5 Strongly Disagree Disagree Neutral Agree Strongly Agree							
Strongly Disagree Disagree Neutral Agree Strongly Agree							

14.   Itee  confident in my ablity to dispense U-500 insulin.   1   2   3   3   4   5   5   16   16   16   16   16   16	Please mark one number for each item	SD	D	N	Α	SA
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	☐ Post-graduate training (i.e., residency) ☐ Never					