August 2024 eLearning Challenge: Managing Feline Diabetes

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The mission of Feline Fancy Veterinary Clinic is to deliver outstanding care in office calls and laboratory services to improve cats' health. The owner services team at Feline Fancy has experienced an uptick in questions from diabetic cat owners via phone and in the clinic. Owners are confused about how much insulin to inject and struggle with obtaining blood samples when trying to test their cats' glucose levels at home.

Diabetes is one of the most common conditions seen in cats, but it is a particularly challenging disease to manage. Many factors influence the cat's prognosis, including insulin administration and diet. Quite often, owners are overwhelmed when they learn their cats are diabetic. They receive patient education in the clinic from vets and technicians, but successful maintenance of diabetes is in the owners' hands.

✅ The Challenge

Cat owners must learn how to test their cats' blood glucose at home using a lancet and glucose monitor. They also must be proficient at measuring and administering the proper dosage of insulin in response to the cat's glucose numbers. Keeping a cat's blood glucose in the normal range (not dropping too low or spiking too high) is crucial for the pet's long-term prognosis.

You are a freelance instructional designer who has been contracted by Feline Fancy to create a course on feline diabetes management. The clinic plans to offer the course to cat owners at the time of diagnosis to supplement their in-clinic instruction. While the owner services team is able to field questions, they are not available 24/7 and would like owners to have the extra support needed to ensure their pets' safety.

Please note: *Many different types of insulin and syringes are used in real-life pet care. For the purposes of this course, feel free to use Lantus (glargine) and U-100 30-unit syringes (see style guide) as your starting point.*

After completing your course, learners should be able to complete one or more of the following objectives:

- Identify the clinical symptoms of feline diabetes many cats display at home.

- Obtain a blood sample from the cat's ear.

- Process the blood sample in a blood glucose reader.

- Interpret a blood glucose reading based on the reader's results.

- Measure the proper dosage of insulin using an insulin pen and U100 syringe.

- Inject a dosage of insulin in the proper location at the right time of day.

📋 Requirements & Constraints

As you design and develop your course, keep the following requirements and constraints in mind:

Interactivity & Content Presentation: Ideally, your solution will include decision-based interactions or scenarios to reinforce the skills being taught. Here are some ideas for how you might present your content and make it interactive:

- Drag and drop a lancet to a magnified mockup of a cat's ear to test the proper placement of the lancet stick.

- Use number variables to determine whether a glucose reading is below, at, or above a safe range

- Build a slider with a number variable to represent a U100 30-unit insulin syringe (see style guide) to measure the proper dosage of insulin.

- Design a tabs interaction to display the common signs and symptoms of diabetes in cats.

- Integrate a dial as a clock to judge the proper time to administer insulin (with Lantus, this is every 12 hours).

- Create a dialogue between family members about the cat's readings and what to do next (inject, feed the cat, call the vet, etc.).

- Set the scene in the owner's home as they try to take a sample and administer insulin for the first time using a video and/or other mockups.

Authoring Tools: You are free to use any eLearning authoring tool you'd like; however, Articulate Storyline or Rise are recommended. If you're new to Articulate Storyline, **check out this playlist of videos** to help you get started.

Visual Design: You are free to design the course in any way you'd like; however, it should demonstrate good visual design best practices with a cohesive and consistent use of font, colors, images, and graphics. If you're new to visual design, **check out this playlist of videos** to help you get started.

🎨 Style Guide

To help in the design of your eLearning course, you can view and download the client style guide and brand assets below. You are free to use these to design a branded course template, or you can create your own design.

🗞️ Reference Materials

As you design and develop your course, you can create your own content from scratch or source your content from the following references:

- **What is Feline Diabetes?**

- **Managing Feline Diabetes Mellitus**

- **Feline Diabetes Treatment Fact Sheet**

- **How to Test Your Cat's Blood Glucose at Home**

- **Feline Diabetes**

- **Diabetes Mellitus**

- **How is Diabetes Mellitus Diagnosed?**

🏆 Submission Guidelines & Contest Rules

Once you're done building your course, you can submit it by commenting below and sharing a link to your finished project. If you're using Articulate Storyline or Rise, you can publish and **share a link from Articulate Review** or **on the web using Google Cloud**. Along with a link to your published course, share a few words explaining your design decisions, challenges, inspiration, etc.

To be eligible to win the $100 Amazon gift card, your submission must be posted no later than Friday, August 30th, at 11:59 PM ET.

You can learn more about the **contest rules and criteria here**.

If you'd like to get more eyes on your submission and encourage others to participate in the challenges, you might also consider...

- **Writing a Blog Post:** If you happen to have a blog or online portfolio, write a post about your submission and share it on social media. Make sure to link to it in the comments below for others to see!

- **Record a Video:** If you want to share how you went about designing your submission, record and share a screen recording video (via Loom, Camtasia, SnagIt, or YouTube) to showcase and explain your process. And, of course, don't forget to share a link to it in the comments below!

- **Share on Social Media:** If you're active on LinkedIn, Twitter, or another social media platform, create a post to share your submission. If possible, make sure to link back to this page and tag The eLearning Designer's Academy on **LinkedIn** or **Twitter** in your post.

💬 Give & Get Feedback

After you've shared your submission, make sure to review what others have submitted and provide constructive feedback. Remember, the monthly challenges (and this community as a whole) are meant to provide an inclusive and supportive environment. As you provide feedback, make sure to keep our **Code of Conduct** in mind.

As you work to develop your project, also consider sharing your work-in-progress for community feedback in our **Get Feedback space here**.

🎉 Challenge Recap, Submissions & Winner

Congrats to this month's eLearning challenge winner, **Elmir Insapov**, for his winning submission for this month's challenge: **Managing Feline Diabetes**! 🎉

Check out all of the submissions for this month's eLearning challenge below:

- **Guide to Managing Feline Diabetes** by **Bethany Souza**

- **Feline Diabetes** by **Hillary Landrum**

- **Feline Diabetes Management** by **Wahida Nargis**

- **Feline Diabetes Interactive Guide** by **Taylor Marker**

- **Feline Fancy Nutrition Strategies** by **Laura Smith**

- **Feline Fancy** by **Colin O Brien**

- **Managing Feline Diabetes** by **Cara Walker**