

# Turning a Clinical Question into a Research Project: Interactive Activities Worksheet

## Activity 1: PICOTS Workshop

### Instructions:

- Think of a clinical case scenario that left you with unanswered questions or where a greater understanding of the disease or treatment options would be impactful.

### My Clinical Problem:

- Use the PICOTS framework to turn the scenario into a research question.

### PICOTS Template:

- P (Population/Patient/Problem): \_\_\_\_\_
- I (Intervention): \_\_\_\_\_
- C (Comparison): \_\_\_\_\_
- O (Outcome): \_\_\_\_\_
- T (Time): \_\_\_\_\_
- S (Study Type): \_\_\_\_\_

### Your PICOTS Question:

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## Activity 2: Study Design Match Game (PICOTS)

### Instructions:

- Below are several clinical research questions. Next to each, write the most appropriate study type (S) and complete the PICOTS elements as possible.

Clinical Question	Best Study Type (S)	P	I	C	O	T
1. Does Drug A reduce hospitalization rates in dogs with CHF?						
2. Does adding immunotherapy to standard chemotherapy improve 1-year survival in dogs with high-grade lymphoma?						
3. In cats having perineal urethrostomy, does absorbable versus non-absorbable suture reduce complications within 30 days?						
4. For diabetic cats, does a high-protein, low-carb diet versus standard diet improve glycemic control over 6 months?						
5. In cats with hepatic lipidosis, does early versus delayed enteral nutrition improve survival to discharge?						
7. In brachycephalic dogs undergoing surgery, does pre-op dexmedetomidine versus acepromazine reduce perioperative respiratory complications?						