

BLOOD BANK BOOT CAMP

October 28-29, 2023 | Saturday: hybrid | Sunday: in-person only | Up to 14 HOURS CEU



SATURDAY, OCTOBER 28 8:00 am – 5:05 pm	BLOOD BANK BOOT CAMP Location: Gladys Valley Hall, 1041
7:30 – 8:00 am	ONSITE: REGISTRATION AND CONTINENTAL BREAKFAST WEBINAR: ZOOM
8:00 – 8:50 am	Designing Your Community Blood Bank <i>Kate Farrell DVM, DACVECC</i> 1.0 CEU
9:00 – 9:50 am	All About the Donor – Recruitment, Screening, Donation <i>Julie Burges MS, DrPH</i> 1.0 CEU
9:50 – 10:10 am	BREAK
10:10 – 11:00 am	Principles of Processing <i>Julie Burges MS, DrPH</i> 1.0 CEU
11:10 – 12:00 pm	Blood Typing & Crossmatching <i>Steven Epstein DVM, DACVECC</i> 1.0 CEU
12:00 – 1:15pm	LUNCH <i>Gladys Valley Hall, Foyer</i>
1:15 – 2:05 pm	Transfusion Strategies – Choosing the Appropriate Products <i>Steven Epstein DVM, DACVECC</i> 1.0 CEU
2:15 – 3:05 pm	Transfusion Monitoring and Reactions <i>Kate Farrell DVM, DACVECC</i> 1.0 CEU
3:05 – 3:25 pm	BREAK
3:25 – 5:05 pm	What's the Evidence? Common Blood-Banking Questions <i>Kate Farrell DVM, DACVECC</i> <i>Steven Epstein DVM, DACVECC</i> 2.0 CEU
6:00 – 9:00 pm	Dinner – Tres Hermanas



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SUNDAY, OCTOBER 29 8:00am – 3:15 pm			
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Lab Groups	Group 1	Group 2	Group 3
7:30 – 8:00 am	Location: Gladys Valley Hall, Foyer ONSITE: REGISTRATION AND CONTINENTAL BREAKFAST		
8:00 – 10:00 am	Location: MPT, 2110 Type and crossmatch lab <i>Steven Epstein DVM, DACVECC</i> <i>Julie Burges MS, DrPH</i> 2.0 CEU PENDING	Location: VMTH, 1071 Collection and processing lab <i>Dyne Hansing BS</i> <i>Sasha Hickman-Beoshanz BS</i> 2.0 CEU PENDING	Location: Valley, 1013 Case-based discussion <i>Kate Farrell DVM, DACVECC</i> 2.0 CEU PENDING
10:00 – 10:30 am	BREAK		
10:30 – 12:30 pm	Location: VMTH, 1071 Collection and processing lab <i>Dyne Hansing BS</i> <i>Sasha Hickman-Beoshanz BS</i> 2.0 CEU PENDING	Location: Valley, 1013 Case-based discussion <i>Kate Farrell DVM, DACVECC</i> 2.0 CEU PENDING	Location: MPT, 2110 Type and crossmatch lab <i>Steven Epstein DVM, DACVECC</i> <i>Julie Burges MS, DrPH</i> 2.0 CEU PENDING
12:30 – 1:15 pm	LUNCH <i>Gladys Valley Hall, Foyer</i>		
1:15 – 3:15 pm	Location: Valley, 1013 Case-based discussion <i>Kate Farrell DVM, DACVECC</i> 2.0 CEU PENDING	Location: MPT, 2110 Type and crossmatch lab <i>Steven Epstein DVM, DACVECC</i> <i>Julie Burges MS, DrPH</i> 2.0 CEU PENDING	Location: VMTH, 1071 Collection and processing lab <i>Dyne Hansing BS</i> <i>Sasha Hickman-Beoshanz BS</i> 2.0 CEU PENDING



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SATURDAY, OCTOBER 28, 2023

LEARNING OBJECTIVES

Designing Your Community Blood Bank

Kate Farrell DVM, DACVECC

- Develop forms and protocols that may be required for donation, processing, and transfusion administration
- Identify equipment needs and costs for starting a blood bank
- Discuss some legal and ethical considerations surrounding community blood banking

All About the Donor – Recruitment, Screening, Donation

Julie Burges MS, DrPH

- How to recruit for donors
- How to screen potential donors for your program
- Techniques for less stressful donations

Principles of Processing

Steven Epstein DVM, DACVECC

- Understand how to produce plasma products
- Understand how to produce red blood cell products
- Review equipment needed and proper use of this equipment to ensure high quality product

Blood Typing & Crossmatching

Julie Burges MS, DrPH

- Learn what a blood type is and why it's important
- Learn what a crossmatch and why it's important
- Discuss various methodology options for each procedure

Transfusion Strategies – Choosing the Appropriate Products

Steven Epstein DVM, DACVECC

- Understand indications for red blood cell or whole blood transfusions
- Analyze coagulation profiles and determine which plasma product is indicated
- Recognize when platelet transfusions are indicated

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Transfusion Monitoring and Reactions

Kate Farrell DVM, DACVECC

- Understand current definitions and underlying mechanisms of transfusion reactions
- Discuss appropriate monitoring of a transfusion recipient
- Identify helpful steps to take if evidence of a transfusion reaction is noted

What's the Evidence? Common Blood-Banking Questions

Kate Farrell DVM, DACVECC

Steven Epstein DVM, DACVECC

- Debate current controversial topics in blood banking to help inform some challenging blood-banking and transfusion questions.
- Discuss existing evidence in veterinary and human medicine on tricky issues.
- Cover topics relevant to processing, storage, and transfusions.

SUNDAY, OCTOBER 29, 2023

LEARNING OBJECTIVES

Type and crossmatch lab

Steven Epstein DVM, DACVECC

Julie Burges MS, DrPH

- Learn different methodologies available for blood typing and crossmatching.
- Determine the most appropriate testing that is specific to your patient and facility needs.
- Perform a crossmatch and blood type.

Collection and processing lab

Dyne Hansing BS

Sasha Hickman-Beoshanz BS

- Learn the procedures to get from donation to processed blood product.
- To gain knowledge related to donor handling techniques, donation process, and blood processing steps.
- Learn about the necessary materials and equipment to facilitate procedures.

Case-based discussion

Kate Farrell DVM, DACVECC

- Identify challenging topics in blood banking that can result in confusion.
- Discuss complex transfusion cases and how to deal with potential complications.
- Learn tips from colleagues on trouble-shooting issues that may arise.