

**Practical Transfusion Medicine
On Demand**

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Agenda		
Session Duration	Topic	Presenter(s)
60 minutes	<p>Liquid-Gold: Plasma Albumin; Canine Serum Albumin (CSA) vs. Human Serum Albumin (HSA)</p> <ul style="list-style-type: none"> Describe the difference between fresh frozen plasma, frozen plasma, FP24, never-frozen and thawed refrigerated plasma, cryoprecipitate and cryopoor plasma, with regard to production, storage, and coagulation factor activity. Describe the indications for use of the aforementioned plasma products. To understand the clinical indications for CSA and HSA transfusions in critically ill dogs and cats To identify the relative risks involved when administering these products To be aware of the clinical signs indicating hypersensitivity reactions, both acute and delayed, especially when administering HSA, to critically ill patients 	<p><i>Dr. Claire Sharp, Dr. Lisa Powell</i></p>
60 minutes	<p>ITP and IMHA</p> <ul style="list-style-type: none"> ITP - focus on platelet transfusion Understand which transfusion products are available for the treatment of IMHA, and when to use these products. Understand the benefits of using stored or fresh blood in the treatment of dogs with IMHA. Understand the challenges associated with crossmatching/blood typing in dogs with IMHA, and how to react to these situations. 	<p><i>Dr. Anne Hale, Dr. John Thomason</i></p>
60 minutes	<p>Transfusion Reactions</p> <ul style="list-style-type: none"> Understand distinguishing features of transfusion reactions related to the respiratory tract Provide an overview of treating febrile non-hemolytic transfusion reactions Apply the TRACS algorithm to treat transfusion reactions related to vomiting 	<p><i>Dr. Adesola Odunayo</i></p>
60 minutes	<p>Panel Discussion: Day-to-Day Blood Banking in Dogs</p> <ul style="list-style-type: none"> Video – 15 minutes Discussion - 45 minutes focused new usage of plasma, pRBCs, and treatment options for ITP/IMHA, and go over Q/A questions left unanswered (if time, may cover questions such as: donor deferral list, +/- 	<p><i>Dr. Marie-Claude Blais, Dr. Lisa Powell, Dr. John Thomason, Dr. Anne Hale, Dr. Adesola Odunayo,</i></p>

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	sedation, underfilled bags, lipemic plasma, thawed plasma, splitting unit, transfusion: pumps vs drip, shortage of DEA 1 negative)	<i>Dr. Claire Sharp</i> <i>Moderator: Kimberly Hooi</i>
60 minutes	<p>To Crossmatch or Not to Crossmatch -That is the Question</p> <ul style="list-style-type: none"> • Justify the ideal blood compatibility assessment according to the patient's clinical presentation • Explain the advantages and disadvantages of the different crossmatch techniques and implement the most suitable one for your clinical context • Discuss the most appropriate course of action when faced with an incompatible crossmatch result 	<i>Dr. Marie-Claude Blais</i>
60 minutes	<p>Emerging Feline Literature and Xenotransfusion</p> <ul style="list-style-type: none"> • The risks of xenotrasfusions and possible indications • How recent literature can be used to improve donation efficacy • Awareness of donor complications 	<i>Dr. Karen Humm</i>
60 minutes	<p>Panel Discussion: Best Practices in Feline Blood Transfusion</p> <ul style="list-style-type: none"> • Video – 15 minutes • Discussion - 45 minutes focused on crossmatch, xenotransfusion, challenges in feline blood transfusion 	<i>Dr. Marie-Claude Blais,</i> <i>Dr. Karen Humm,</i> <i>Dr. Adesola Odunayo,</i> <i>Dr. Claire Sharp</i> <i>Moderator: Kimberly Hooi</i>