

### **Emergency & Critical Care Medicine**

The emergency and critical care service consists of a Board Certified specialist, three residents, two interns and 12 specialty trained animal health technicians. Our service operates 24hours/day, 7days/week with both animal health technicians and veterinarians present at all times managing the patients in the intensive care unit and the emergency area. The area is equipped with advanced monitoring systems, a blood gas and electrolyte analyzer with availability for hematology and blood chemistry, and diagnostic imaging permitting various diagnostic tests and procedures to be performed at any time. Most patients in the ICU receive intravenous fluid therapy, pain management, various different intravenous medications and oxygen. A mechanical ventilator is available for patients in respiratory distress. A blood banking system is also maintained in the hospital for both cats and dogs. The ICU averages 160 patients/month with a maximum of 20/day deferred by the family veterinarian, primarily in Ontario, but also any Province in Canada, the United States and occasionally from Europe. Any cat or dog requiring advanced specialty diagnosis and treatment, can be referred by the family veterinarian.

**Senior Service Team Member**  
**[Alexa Bersenas](#)**