

# COMPARISON OF TWO LABORATORY SYSTEMS FOR HEMOGLOBIN MEASUREMENTS IN CATS

*Complete Title: Methods comparison of HemoCue Hb 201+ System and Advia 2120 for hemoglobin measurement in cats*

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## Purpose of the Clinical Study

Hospitalized patients may need to receive intravenous (IV) fluids to feel better. Sick cats often have anemia (a deficiency of healthy red blood cells), which when given IV fluids can worsen this condition. This is why it is essential to frequently monitor their hemoglobin blood values, but we need to be careful when taking large amounts of blood samples from sick cats. A new handheld device, the HemoCue Hb 201, requires much smaller (up to 100x) blood samples and provides quick results. Before using this device in clinical practice, we need to ensure it is as accurate as our current method, the Advia 2120.

## Is Your Pet Eligible?

Any cat undergoing routine blood collection at the OVC. Cats that may have a suspected new diagnosis of Immune-mediated Hemolytic Anemia (IMHA) will be ineligible to participate.

## Visits / Samples Required

For the routine Complete Blood Count (CBC) testing, your cat will have between 1-4mL of blood drawn and analyzed on the Advia 2120. A small amount of the left-over blood will be used for analysis on the HemaCue Hb 201. There are no additional procedures or treatments related to this study.

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Questions about this study?

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