

# Crystal ID Core

**Location:** VA Medical Center building 70, wing C, rooms 207, 213, 218-220

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**Web:** N/A

**Overview**

The Crystal ID Laboratory specializes in the identification of crystalline materials in biologic samples, focusing on crystal-associated diseases such as kidney stone disease, crystal-associated lung diseases, and crystal-induced arthritis.

Technology & Resources:

- High-resolution x-ray powder diffraction
- Fourier transform infrared spectroscopy as analysis methods
- Extensive library of standards that have been assembled for both XRD and FTIR during over 30 years of analyses
- Analyze crystalline materials from animal models and from synthetic processes

Equipment/Software	Accessibility
Two FTIR (Fourier Transform Infrared Spectroscopy)	Facility technicians use on behalf of investigators
Four XRD (X-ray powder diffraction)	Facility technicians use on behalf of investigators

**Hours:** by appointment

**Common users of the facility:** The facility is open to all MCW investigators. Common users include researchers from neurology, nephrology, CHW.

**Rate:** please contact us to discuss our rates.