

**RT120 Point-Counterpoint: When Will  
Whole Slide Imaging Gain Widespread Clinical Use?**  
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**Telemicroscopy Technologies**

	<b>Expense of Equipment at the Sending Site</b>	<b>Diagnostic Skill Needed at the Sending Site</b>	<b>Rate Limiting Step in Making Diagnosis</b>	<b>Special Software Needed at Receiving Site</b>
<b>Static Images</b>	Low	High	Acquisition	None
<b>Dynamic, Non-Robotic</b>	Medium	Moderate	Coordinated Viewing	None
<b>Dynamic, Robotic</b>	High	Low to None	Viewing	? Some ?
<b>Whole Slide Imaging</b>	Very High	Low to None	Acquisition	Some

**Uses for Telemicroscopy**

**(Suitability of Various Telemicroscopy Technologies for Specific Applications)**

<b>Application</b>	<b>Static Images</b>	<b>Dynamic Non-robotic</b>	<b>Dynamic Robotic</b>	<b>Whole Slide Imaging</b>
Share Case with Clinician	++	+++	-	-
Student Teaching	++	+++	-	+++
Proficiency Testing	++	-	-	+++
Quality Assurance Review	-	-	++	+++
Informal Consultation	+	+++	+	+
Formal Consultation	+	-	++	+++
Frozen Section Consultation	-	+++	+++	-
Frozen Section Primary Dx	-	++	+++	-
Occasional Primary Dx	-	++	++	+++
Routine Primary Diagnosis	-	-	-	?