

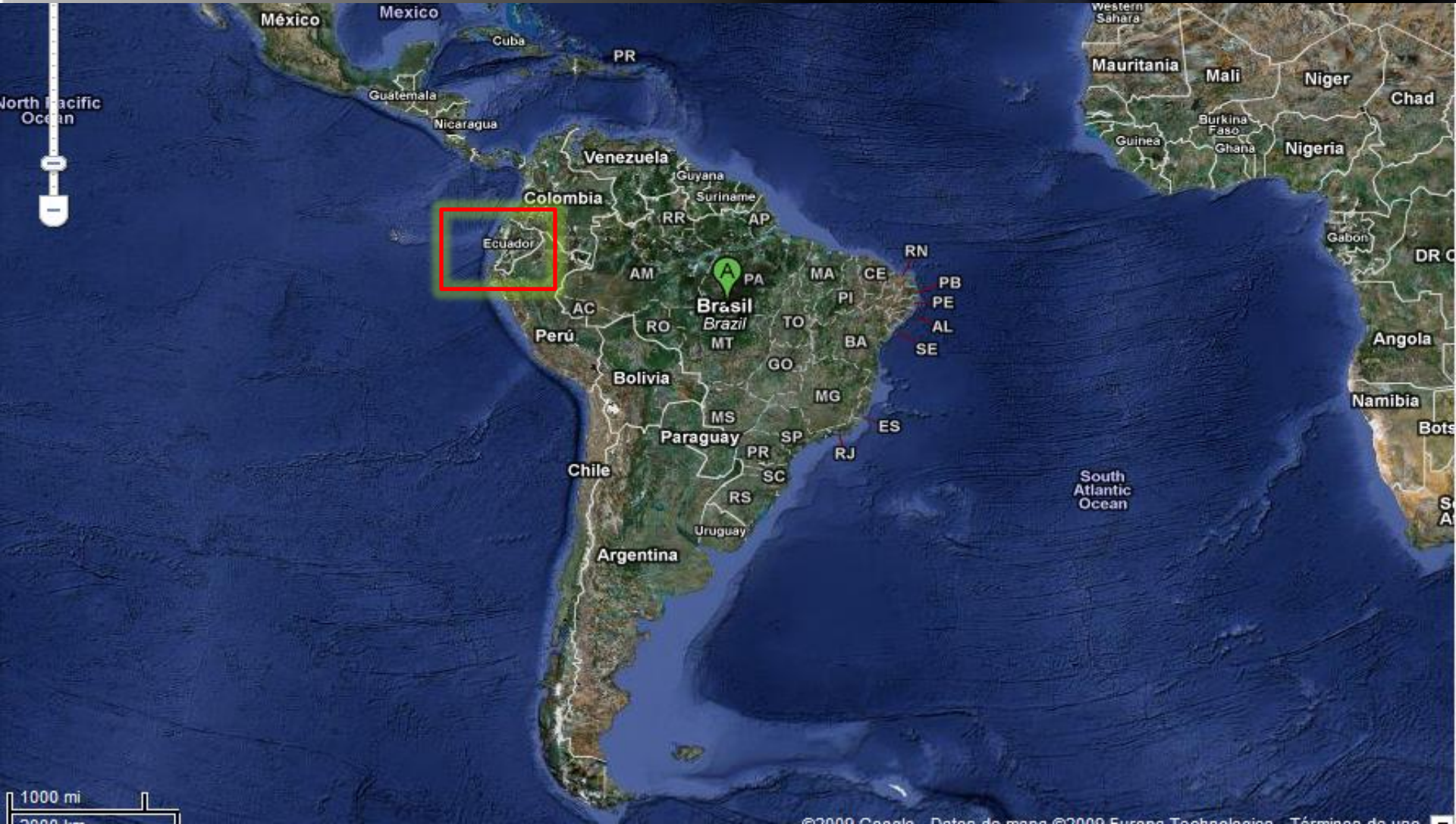


Telepatología

Aplicaciones Prácticas Ecuador

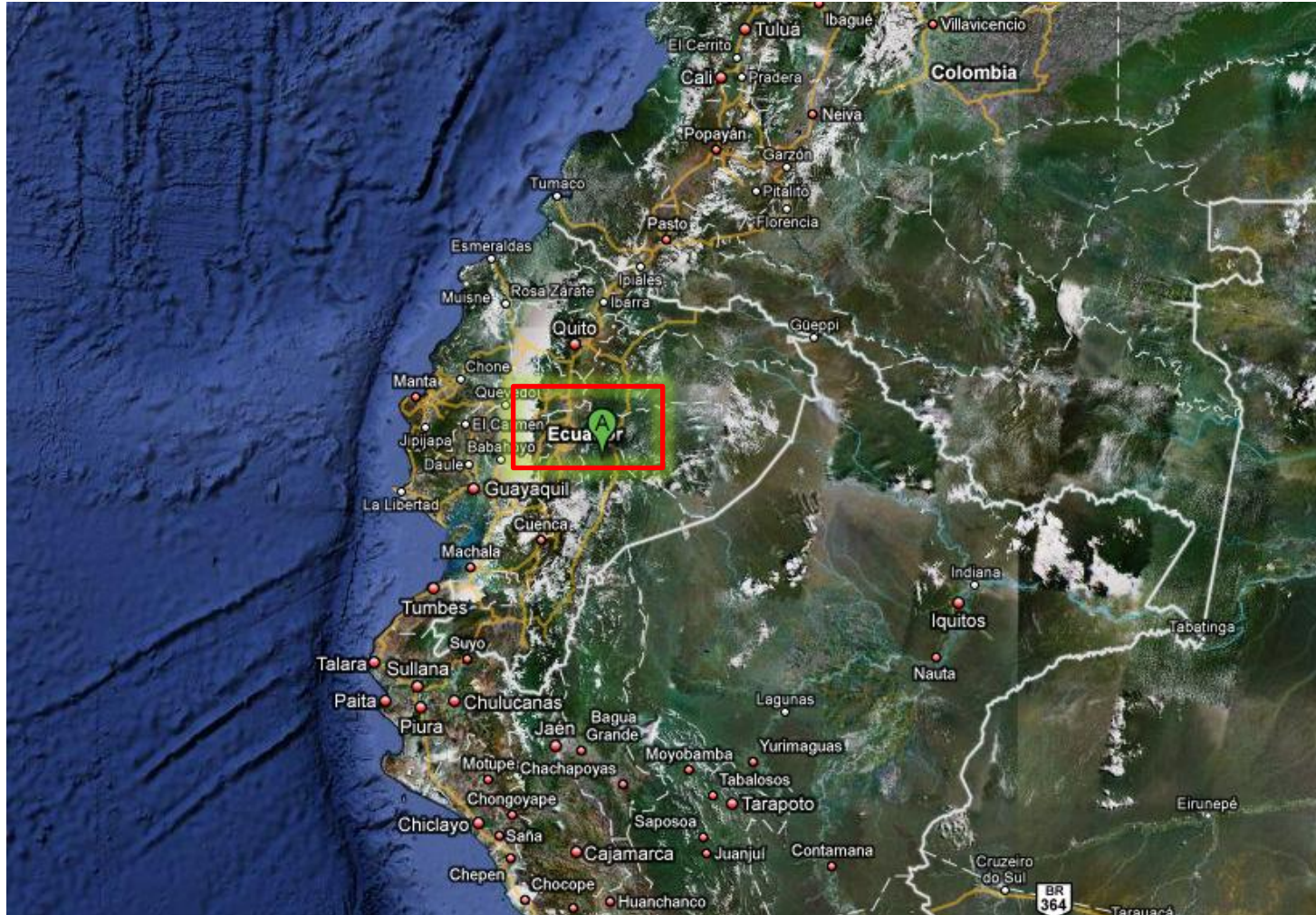
Instituto del Cáncer SOLCA Cuenca



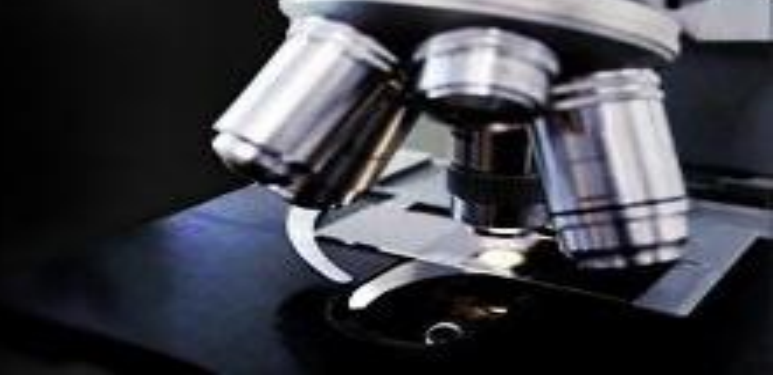


Ecuador

(Quito 0° 13' S 78° 31' O)



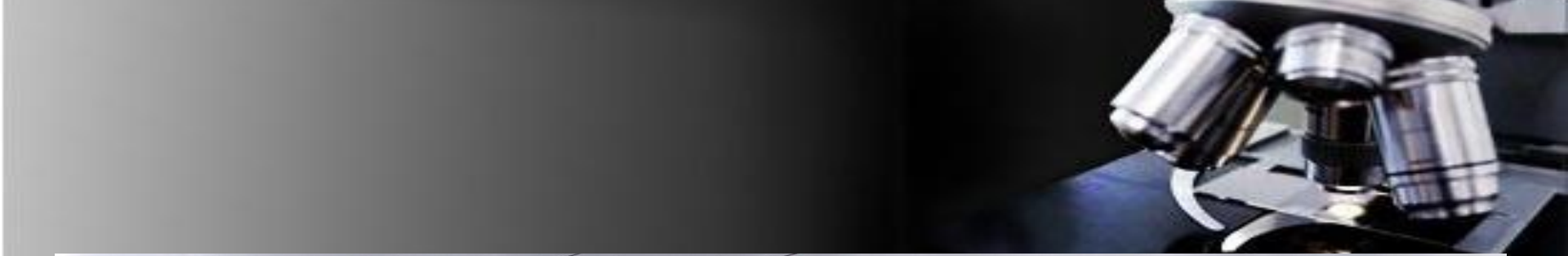
Cuenca





Sector el Paraíso (Av. Del Paraíso y Agustín Landívar)





Departamento de Patología

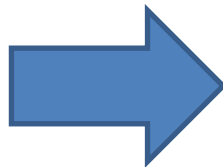
- 1. Patología**
- 2. Citología**
- 3. Inmunohistoquímica**
- 4. Citogenética**
- 5. Biología Molecular**
- 6. Secuenciación Genética**
- 7. Bioinformática**
- 8. Patología Virtual**



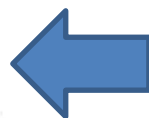
Consulta para casos difíciles



Preparaciones
Histológicas

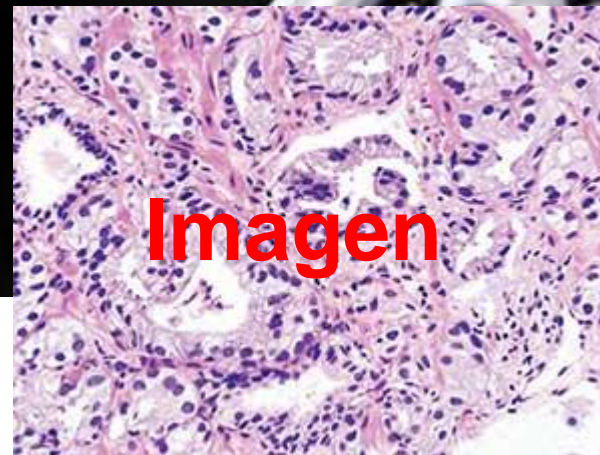


Información Clínica,
material adicional



Centro de
Referencia

La esencia del trabajo del patólogo



Asistencial

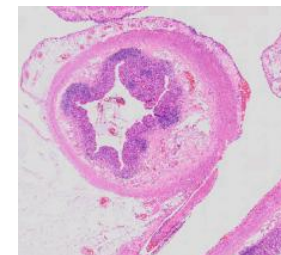
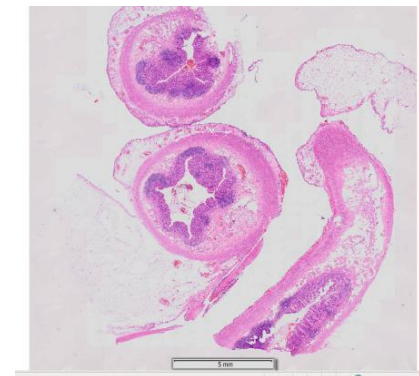
Docente



Al patólogo le gusta



- Recorrer la preparación
- Ver la imagen panorámica
- Buscar detalles.



Qué Comunicar???



- Enseñanza:
 - Archivos digitales
 - Aulas virtuales
 - Enseñanza continua
 - Actualización
- Diagnosticar:
 - Diagnóstico rápido
 - Consulta
- Evaluar:
 - Metodología y control de calidad
- Confrontar:
 - Confrontar experiencias y conocimientos

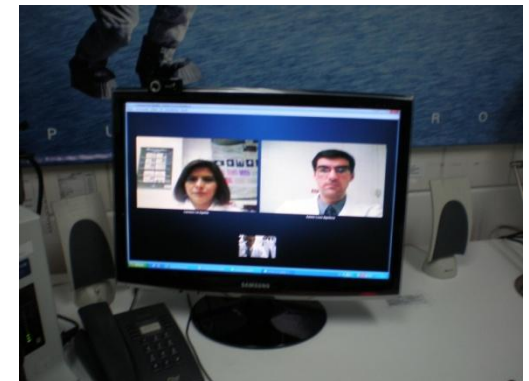


Cómo comunicar???

- Video Conferencias

- Consultas Online

- Microscopio multicabezal virtual

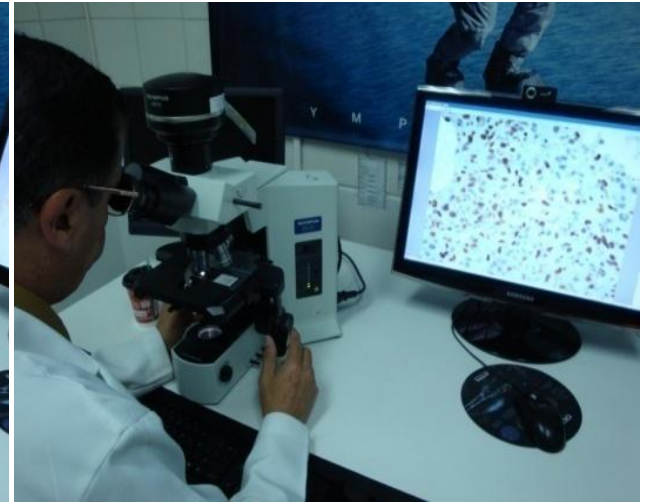
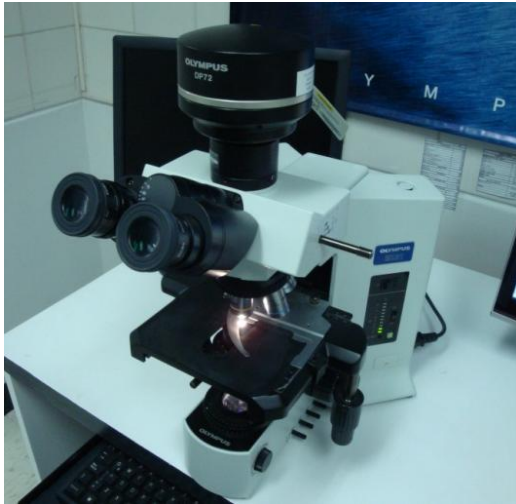


Las herramientas



MICROSCOPIOS

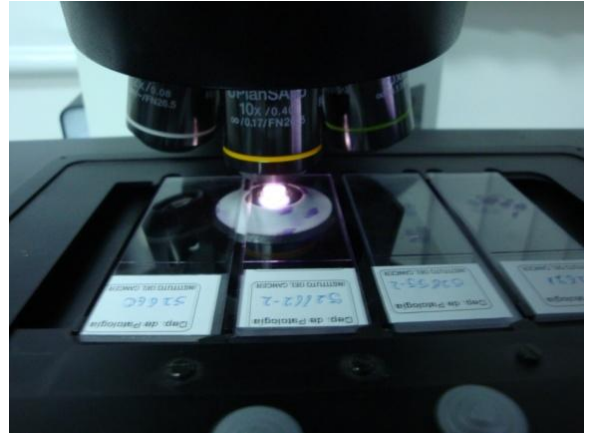
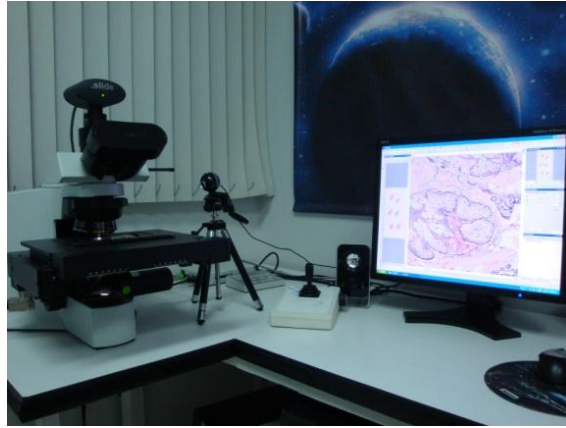
BX51 o similares



Cx31 o similares



dotslide

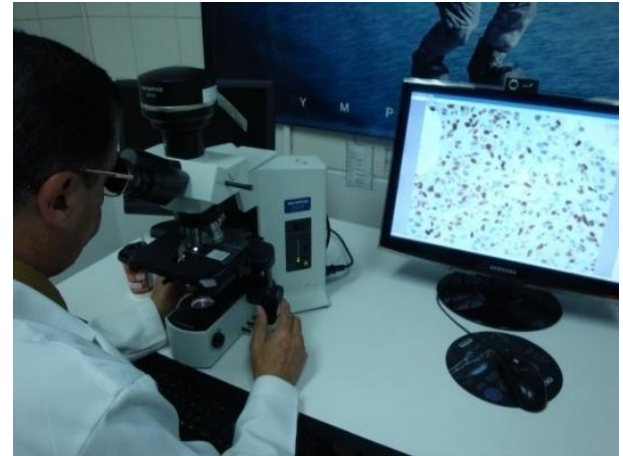
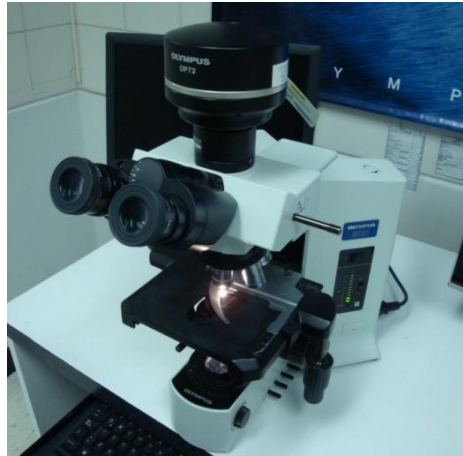


Las herramientas

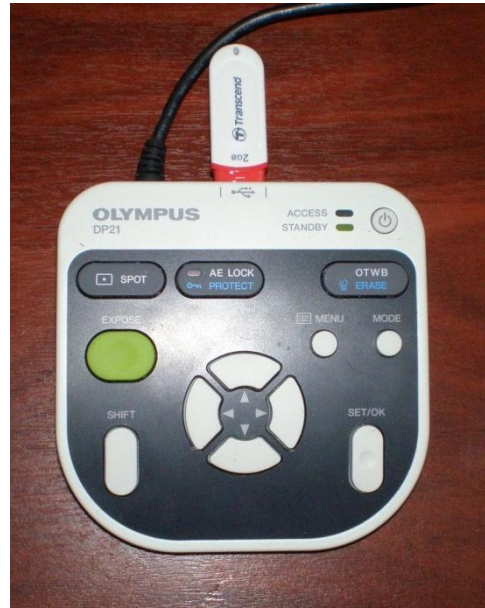


CÁMARAS

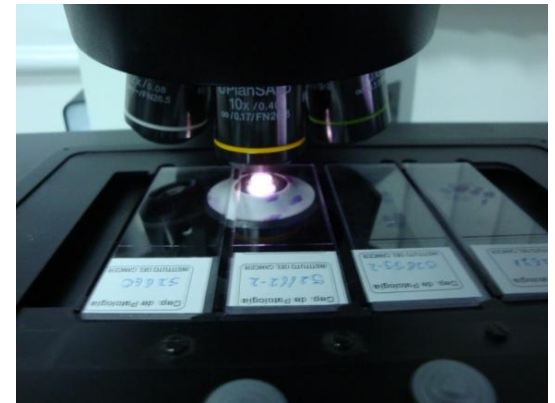
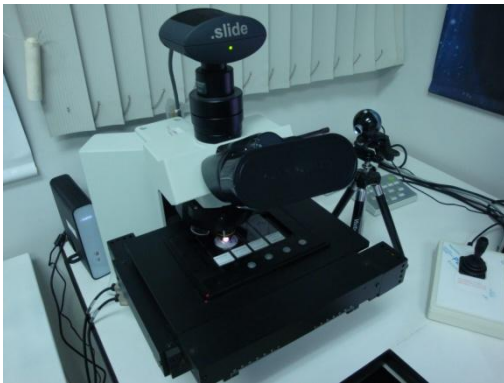
Dp72



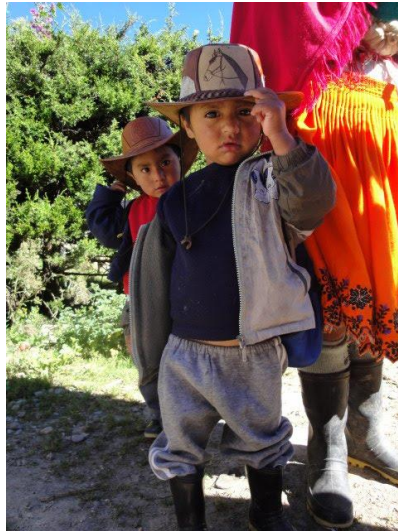
Dp21



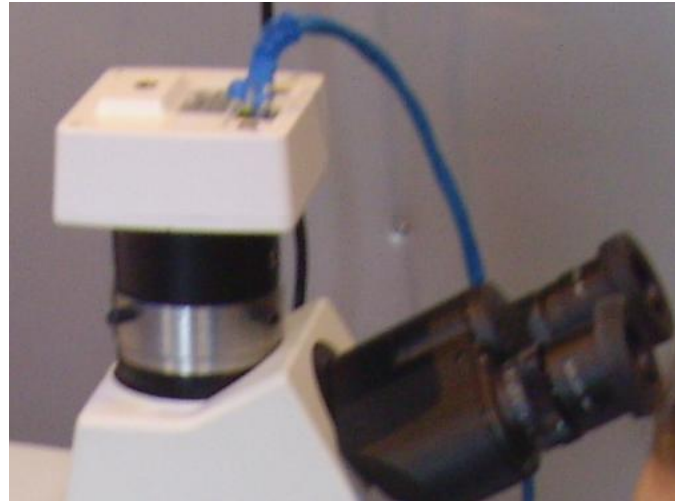
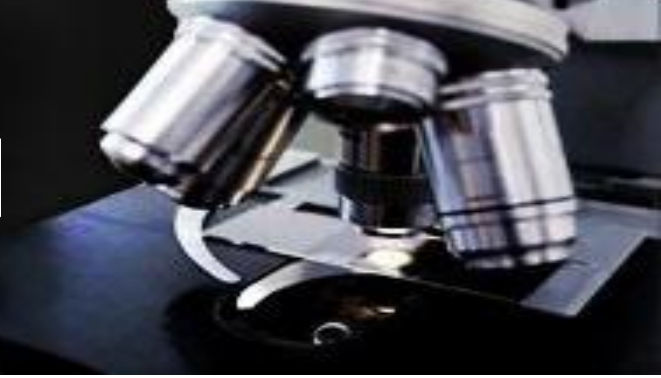
Dotslide



Equipo móvil



Equipo móvil



Explorador Móvil



Herramientas de comunicación



HARDWARE



Servidor IBM System x3200

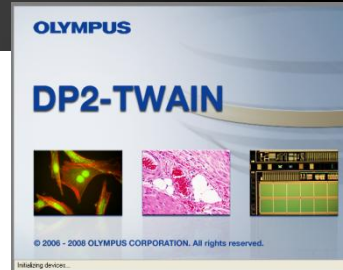


Laptops, Desktops

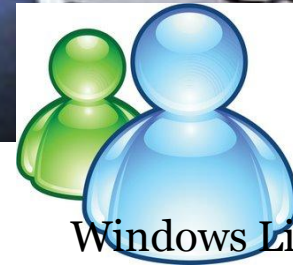


Satelite

SOFTWARE ADQUISICIÓN DE IMÁGENES



SOFTWARE DE COMUNICACIÓN



Windows Live
Messenger



Aplicaciones



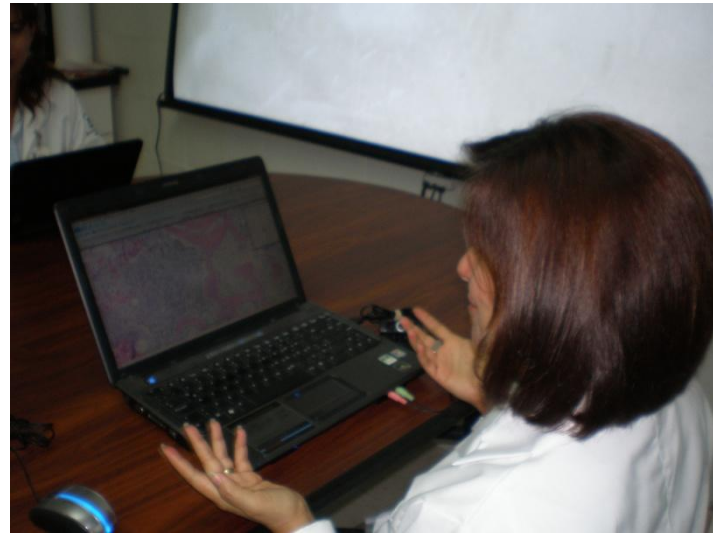
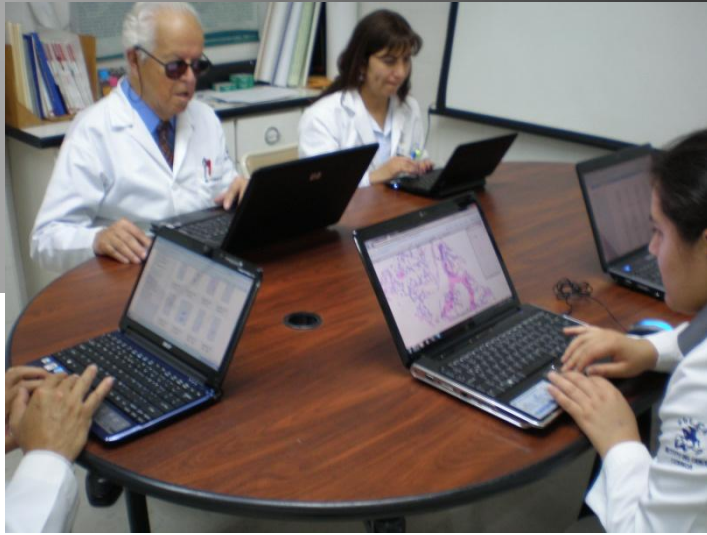
DIAGNÓSTICO EN TIEMPO REAL (INTRAOPERATORIA)



Aplicaciones



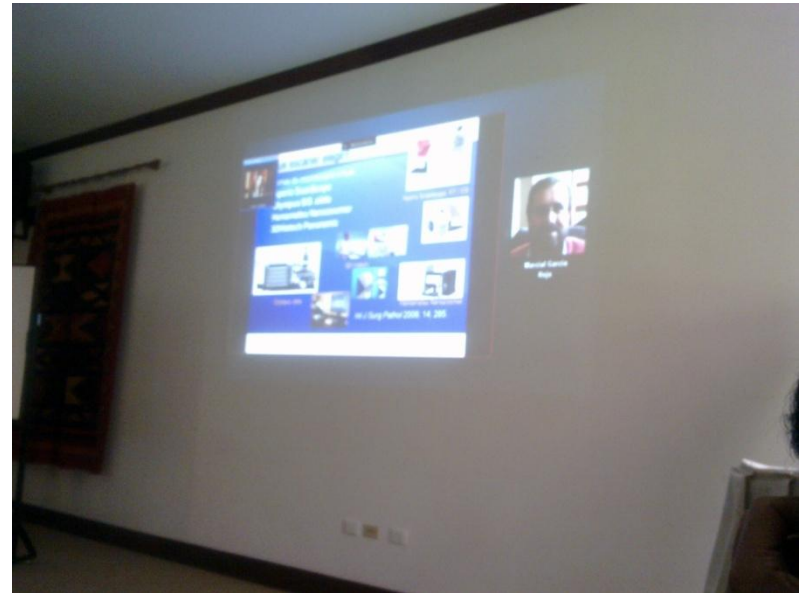
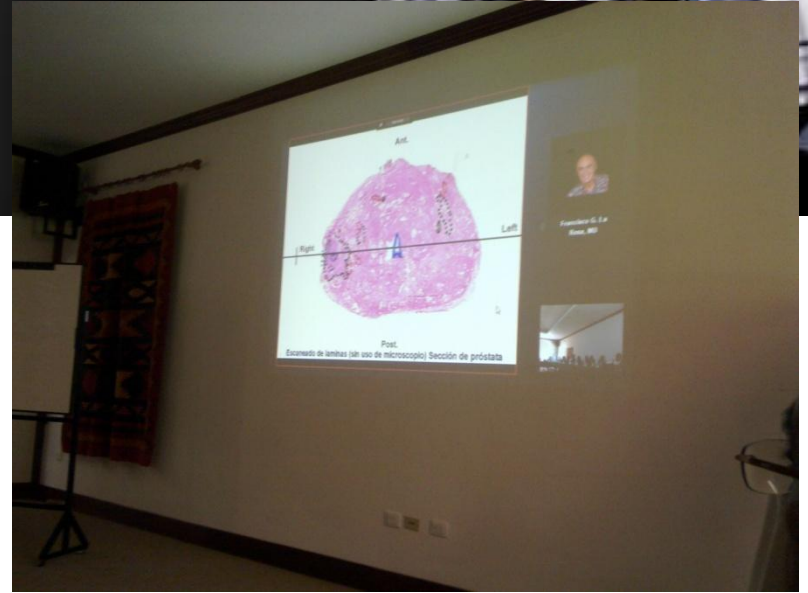
EL MULTICABEZAL VIRTUAL



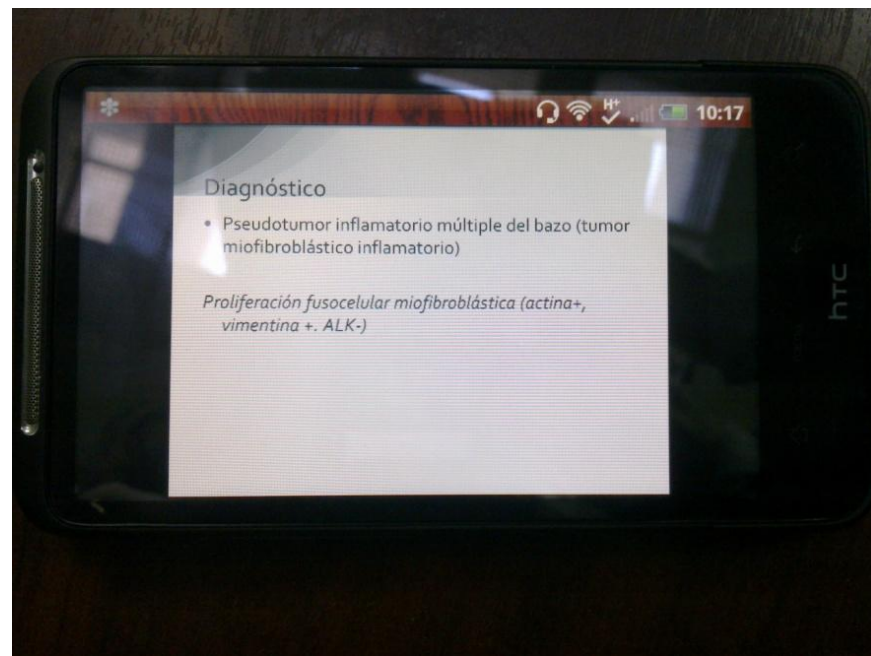
Aplicaciones



AULAS VIRTUALES



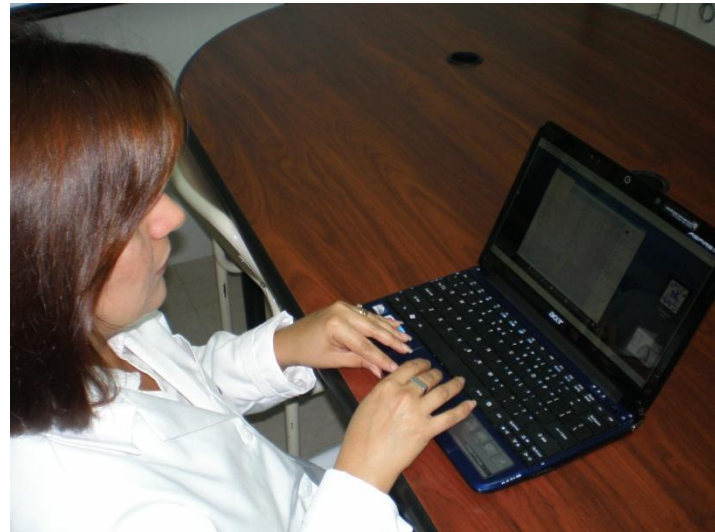
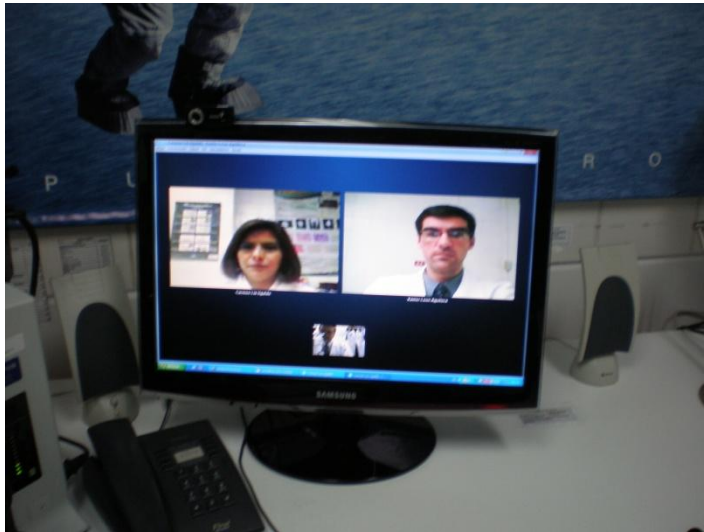




Aplicaciones



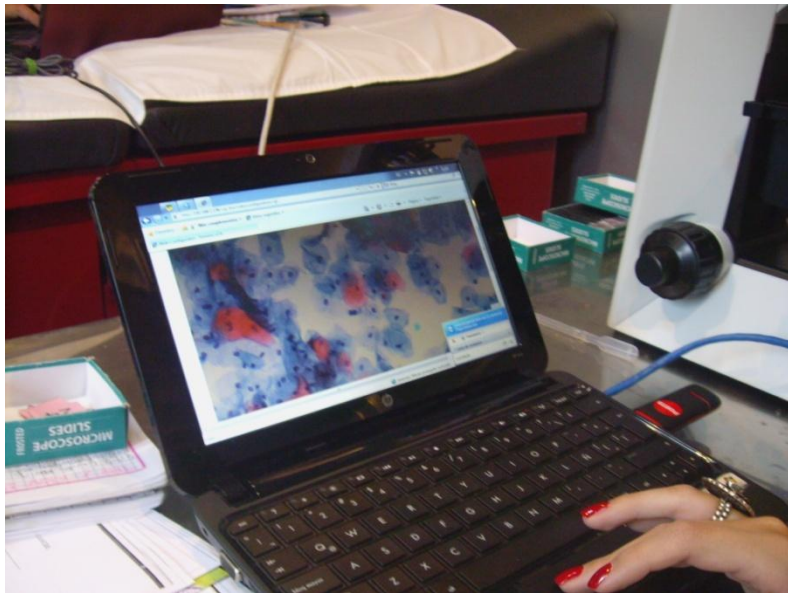
TELECONSULTA



Aplicaciones



TELEONCOLOGÍA MÓVIL



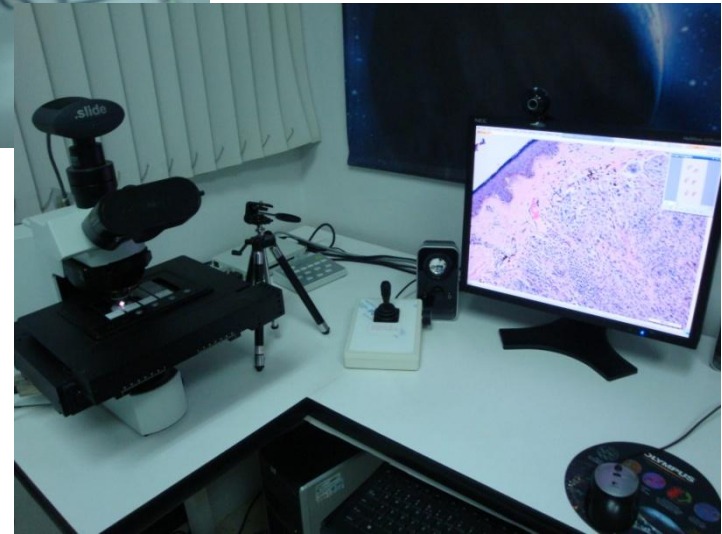
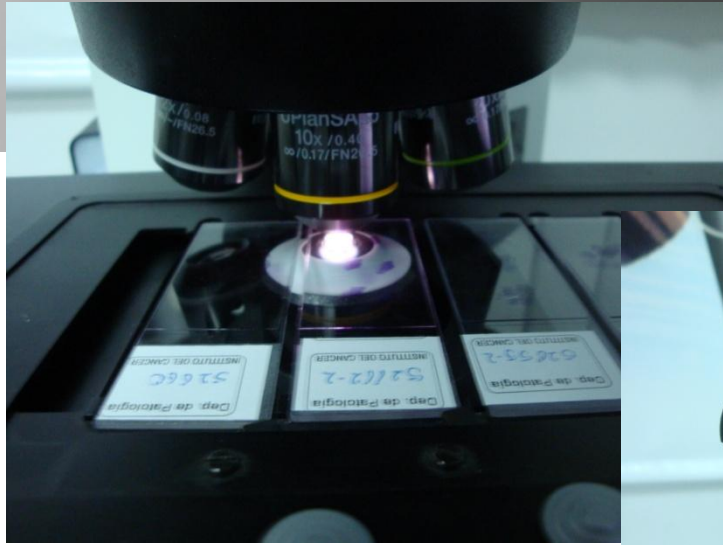


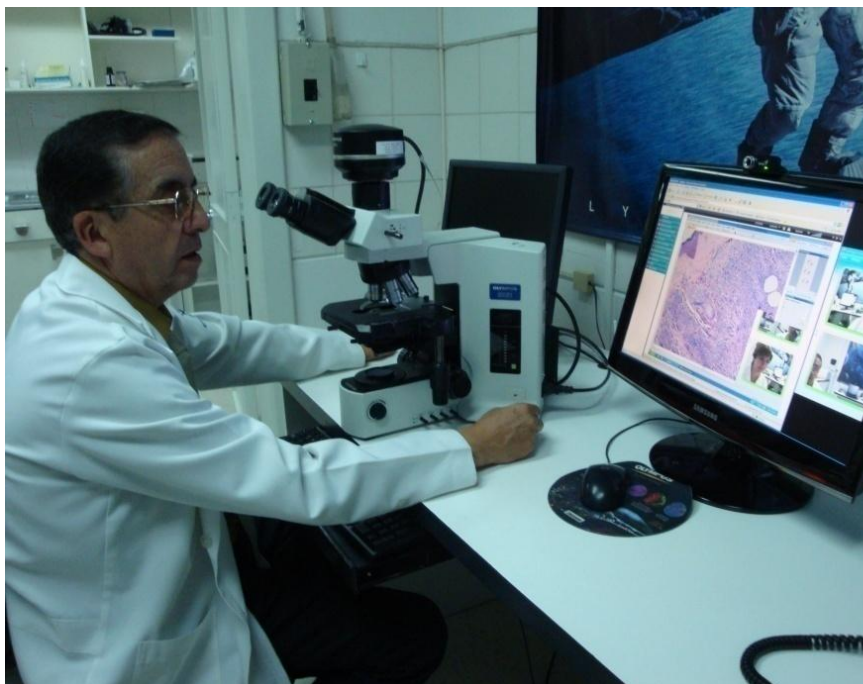
Aplicaciones



BIOBANCO DIGITAL

Dotslide





Biobanco Digital



Olympus Soft Imaging Solutions - Windows Internet Explorer

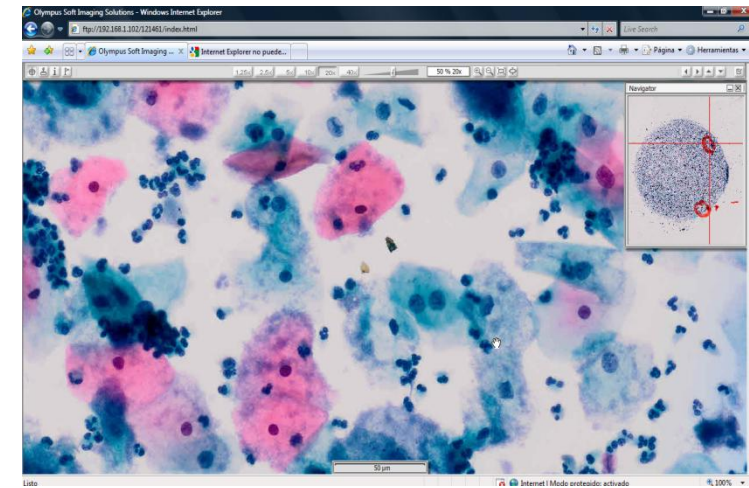
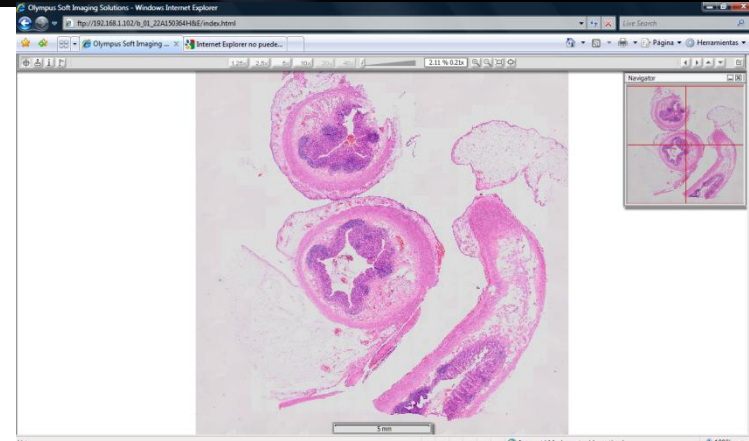
ftp://192.168.1.102/index.html

OLYMPUS Your Vision, Our Future

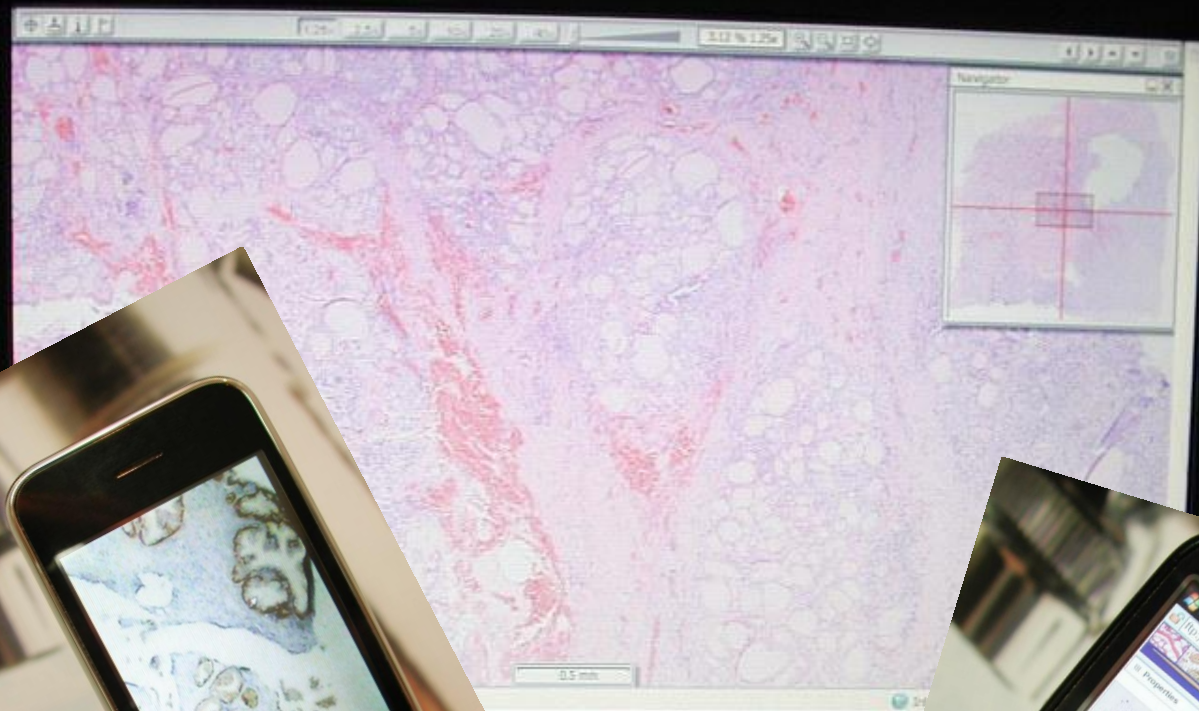
Properties

1

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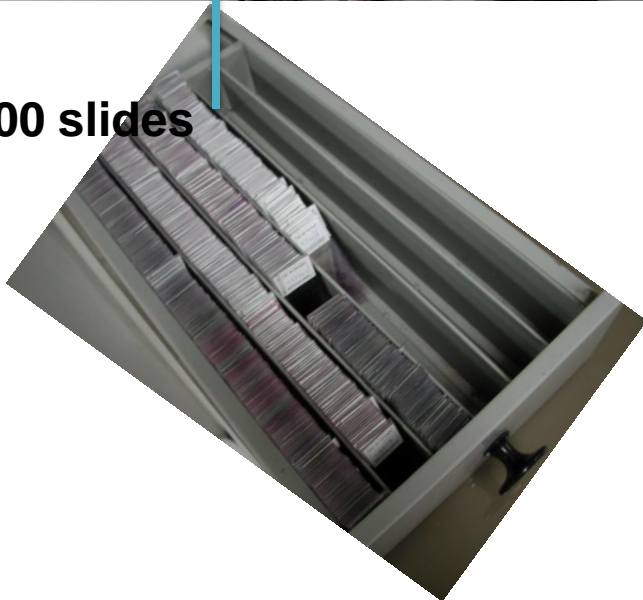


acer





500 slides



- Formato Dotslide (vsi): 90 MB
- Formato HTML + jpg : 52 MB
- $52 * 500 = 26000\text{MB} \sim 25\text{GB}$
- $1\text{ TB} = 1024\text{GB} / 25 \sim 40\text{ Cajones}$
- $40 * 500 = 20480\text{ slides}$



Archivo

Ventajas

- Infraestructura simple



- Acceso desde cualquier lugar del mundo



- Distribución gratuita del software de comunicación



CUENCA



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