

Synovial Fluid Analysis Chart

Date:

Patient Name:

Date of Birth:

Gender:

Referring Physician:

CHART INTERPRETATION

	Normal	Non-Inflammatory	Inflammatory	Septic	Haemarthrosis
Color	Colorless	Straw-like/yellow	Yellow	Yellow/Green	Red/Xanthochromic
Clarity	Transparent	Transparent	Translucent-opaque	Opaque/Turbid	Bloody
Viscosity	↑	↑	↓	↓	Variable
WBC count (mm ³)	<200	0-2000	2000-50,000	>20,000 (usually >50,000)	<10,000
Neutrophils	<25%	<25%	>50%	>75%	50-75%
Culture	Negative	Negative	Negative	Positive	Negative
Gram Stain	Negative	Negative	Negative	Positive	Negative
Crystals	Negative	Negative	Positive	Negative	Negative

PATIENT'S RESULTS

Color

- Colorless
- Straw-like/yellow
- Yellow
- Yellow/Green
- Red/Xanthochromic

Clarity

- Transparent
- Translucent-opaque
- Opaque/Turbid
- Bloody

Viscosity

- ↑
- ↓
- Variable

WBC Count (mm³)

- <200
- 0-2,000
- 2,000-50,000
- >20,000 (usually >50,000)
- <10,000

Neutrophils

- <25%
- >50%
- >75%
- 50-75%

Culture

- Positive
- Negative

Gram stain

- Positive
- Negative

Crystals

- Positive
- Negative

Summary of Results:

Interpretation:

Additional Notes: