

LIVER BIOPSY, ASPIRATION, DRAINAGE & SCLEROSIS

Updated
10/31/2025

- **Includes:**

- percutaneous medical liver biopsy (excludes transjugular liver biopsy)
- liver lesion biopsy
- liver abscess aspiration & drainage
- liver cyst aspiration +/- sclerosis

	Cerner Order	Rad Tech DOE Order
Biopsy	IR Biopsy Deep/Organ/Bone	CT Biopsy
Aspiration/Drainage	CT Guided Drainage	CT Guided Drainage
Sclerosis	CT Guidance for Injection	CT Guidance for Injection

For Providers

- **Need to hold blood thinners:** yes (per chart below)
- **Need to hold other meds:** no
- **Need to be NPO:** yes (8 hrs for food and non clear liquids, 2 hrs for clear liquids)
- **Need blood work:** yes within 72 hrs (inpatients) or within 30 days (outpatients)
 - CBC w/o differential (*platelets $\geq 50k$*)
 - PT/INR (*INR ≤ 1.8*)
 - BMP (only in patients with renal disease)
- **Receive moderate sedation:** yes + local anesthesia

For Schedulers

- Requirements in **For Provider** section also apply.
- **Need imaging/radiologist review:** yes (except medical liver biopsy does not require approval)
- **Need H&P:** yes updated within 30 days of procedure date (must include heart & lungs exam)
- **Need a driver:** yes
- **Need bed in Short Stay / PACU:** yes
- **Need an IV:** yes
- **Arrival time:** 2 hrs prior to appointment
- **Stay after procedure:** 2-4 hrs after procedure
- **Rads that do procedure:** Agrait (MA), Byra (BY), Carter (CA), Cohen (DC), Combs (JC), Edwards (JE), Hoffman (RH), Howard (JH), Parsons (CP), Rezaei (AR), Roth (NR), Sherard (DS), Taylor (IT), Wood (CW)
- Order needs to specify lesion location (if not a medical biopsy).
- If for diagnostic aspiration/drainage, order needs to specify what fluid labs are needed.

LIVER BIOPSY, ASPIRATION, DRAINAGE & SCLEROSIS

	Higher Risk Procedures	
	Hold	Resume
Aspirin (all strengths)	3-5 days	24 hrs
Ibuprofen (Motrin)	12-24 hrs	immediately
Diclofenac (Voltaren)		
Ketoprofen (Orudis)		
Ketorolac (Toradol)	24 hrs	immediately
Indomethacin (Indocin)	2 days	immediately
Etodolac (Lodine)		
Diffunisal (Dolobid)	2-3 days	immediately
Naproxen (Aleve)	3-4 days	immediately
Sulindac (Clinoril)		
Meloxicam (Mobic)	4 days	immediately
Nabumetone (Relafen)	6 days	immediately
Piroxicam (Feldene)	10 days	immediately
Celecoxib (Celebrex)	no hold	immediately
Cilostazol (Pletal)		
Heparin	4-6 hrs (IV) 6 hrs (SQ)	6-8 hrs
Enoxaparin (Lovenox)	12 hrs (if once daily) 24 hrs (if twice daily)	12 hrs
Dalteparin (Fragmin)	24 hrs	12 hrs
Warfarin (Coumadin)	hold until INR $\leq$ 1.8	24 hrs
Clopidogrel (Plavix)	5 days	6 hrs (75 mg dose) 24 hrs (higher dose)
Ticagrelor (Brilinta)	5 days	24 hrs
Prasugrel (Effient)	7 days	24 hrs
Aspirin/Dipyridamole (Aggrenox)	3-5 days	24 hrs
Fondaparinux (Arixtra)	2-3 days (GFR $\geq$ 50) 3-5 days (GFR $<$ 50)	24 hrs
Argatroban (Acova)	2-4 hrs	4-6 hrs
Bivalirudin (Angiomax)	2-4 hrs	4-6 hrs
Apixaban (Eliquis)	2 days (GFR $\geq$ 50) 3 days (GFR $<$ 50)	24 hrs
Dabigatran (Pradaxa)	2 days (GFR $\geq$ 50) 3-4 days (GFR $<$ 50)	24 hrs
Rivaroxaban (Xarelto)	2 days (GFR $\geq$ 30) 3 days (GFR $<$ 30)	24 hrs
Betrixaban (Bevyxxa)	3 days	24 hrs
Edoxaban (Savaysa)	2 days	24 hrs
Ticlopidine (Ticlid)	7 days	24 hrs
Desirudin (Iprivask)	4 hrs	1 hr
Abciximab (ReoPro)	24 hrs	per Cardiology
Eptifibatide (Integrilin)	4-8 hrs	per Cardiology
Tirofiban (Aggrastat)		