

## Liver Lesion Ablation

- **Includes:** liver microwave ablation, radiofrequency (RF) ablation, cryoablation & electroporation
- **Rads that do procedure:** Agrait (MA), Cohen (DC), Edwards (JE), Parsons (CP), Rezaei (AR), Sherard (DS)
- **Need imaging/radiologist review:** yes
- **Need H&P:** yes updated within 30 days of procedure date (must include heart & lungs exam)
- **Need to hold blood thinners:** yes (per chart on next page)
- **Need to hold diabetes / weight loss medications:** only if general anesthesia will be used
  - 24 hours - Rybelsus (semaglutide), Victoza (liraglutide), Januvia (sitagliptin), Tradjenta (linagliptin), Onglyza (saxagliptin)
  - 4 days - Farxiga/Xigduo/Qtern (dapagliflozin), Jardiance/Synjardy/Glyxambi (empagliflozin), Invokana/Invokamet (canagliflozin), Steglatro (ertugliflozin), Brenzavvy (bexagliflozin), Inpefa (sotagliflozin)
  - 7 days - Ozempic/Wegovy (semaglutide), Mounjaro/Zepbound (tirzepatide), Saxenda (liraglutide), Byetta (exenatide), Trulicity (dulaglutide)
- **Need to hold other meds:** no
- **Need to be NPO:** yes (2 hrs for clear liquids, 6 hrs for light meals & dairy products, 8 hrs for fatty meals)
- **Need a driver:** yes
- **Need bed in Short Stay / PACU:** yes
- **Arrival time:** 2 hrs prior to appointment
- **Need an IV:** yes
- **Need blood work:** CBC w/o differential & PT/INR within 30 days of procedure date (usually done day of procedure)  
BMP the day of procedure (only in patients with renal disease)
- **Receive moderate sedation:** moderate sedation versus general anesthesia (+ local anesthesia)
- **Stay after procedure:** 2-4 hrs after procedure
- Liver ablations require a consultation appointment prior to scheduling the procedure.
- Liver ablations are only performed at Riverside and Southside.

	<b>Higher Risk Procedures</b>	
	<b>Hold</b>	<b>Resume</b>
<b>Aspirin</b> (81 mg & 325 mg)	3-5 days	24 hrs
<b>Short-Acting NSAIDs</b> (ibu/ketoprofen, diclofenac, indomethacin)	24 hrs	immediately
<b>Intermediate-Acting NSAIDs</b> (naproxen, celecoxib, sulindac, diflunisal)	48 hrs	immediately
<b>Long-Acting NSAIDs</b> (meloxicam, piroxicam, nabumetone)	10 days	immediately
<b>Heparin</b>	4-6 hrs (IV) 6 hrs (SQ)	6-8 hrs
<b>Enoxaparin</b> (Lovenox)	12 hrs (30-40 mg dose) 24 hrs (higher doses)	12 hrs
<b>Dalteparin</b> (Fragmin)	24 hrs	12 hrs
<b>Warfarin</b> (Coumadin)	hold until INR $\leq 1.8^*$	24 hrs*
<b>Clopidogrel</b> (Plavix)	5 days	6 hrs (75 mg dose) 24 hrs (higher doses)
<b>Ticagrelor</b> (Brilinta)	5 days	24 hrs
<b>Prasugrel</b> (Effient)	7 days	24 hrs
<b>Aspirin/Dipyridamole</b> (Aggrenox)	3-5 days	24 hrs
<b>Cilostazol</b> (Pletal)	no hold	immediately
<b>Fondaparinux</b> (Arixtra)	2-3 days (GFR $\geq 50$ ) 3-5 days (GFR $< 50$ )	24 hrs
<b>Argatroban</b> (Acova)	2-4 hrs	4-6 hrs
<b>Bivalirudin</b> (Angiomax)	2-4 hrs	4-6 hrs
<b>Apixaban</b> (Eliquis)	48 hrs (GFR $\geq 50$ ) 72 hrs (GFR $< 50$ )	24 hrs
<b>Dabigatran</b> (Pradaxa)	48 hrs (GFR $\geq 50$ ) 72-96 hrs (GFR $< 50$ )	24 hrs
<b>Rivaroxaban</b> (Xarelto)	48 hrs (GFR $\geq 30$ ) 72 hrs (GFR $< 30$ )	24 hrs
<b>Betrixaban</b> (Bevyxxa)	72 hrs	24 hrs
<b>Edoxaban</b> (Savaysa)	48 hrs	24 hrs
<b>Ticlopidine</b> (Ticlid)	7 days	24 hrs
Desirudin (Iprivask)	4 hrs	1 hr
<b>Abciximab</b> (ReoPro)	24 hrs	per Cardiology
<b>Eptifibatide</b> (Integrilin)	4-8 hrs	per Cardiology
<b>Tirofiban</b> (Aggrastat)	4-8 hrs	per Cardiology