

HEPATITIS B VIRUS TREATMENTS

Generic	Brand	Strength	Form	Usual Dose
adefovir dipivoxil	Hepsera	10mg	tabs	Adults: 10mg once daily. <i>Renal impairment:</i> CrCl 30–49mL/min: 10mg every 48hrs; CrCl 10–29mL/min: 10mg every 72hrs; CrCl<10mL/min (on hemodialysis): 10mg every 7 days after dialysis; (not on hemodialysis): not recommended. Children: <12yrs: Not recommended.
entecavir	Baraclude*	0.5mg, 1mg	tabs	Adults: ≥16yrs: Take on empty stomach. <i>Compensated liver disease:</i> (nucleoside-naïve): 0.5mg once daily; (lamivudine-refractory or known lamivudine or telbivudine resistance mutations): 1mg once daily. <i>Decompensated liver disease:</i> 1mg once daily. <i>Renal impairment</i> (nucleoside-naïve): CrCl 30–49mL/min: 0.25mg once daily or 0.5mg every 48hrs; CrCl 10–29mL/min: 0.15mg once daily or 0.5mg every 72hrs; CrCl<10mL/min or on hemodialysis: 0.05mg once daily or 0.5mg every 7 days; (lamivudine-refractory or decompensated liver disease): CrCl 30–49mL/min: 0.5mg once daily or 1mg every 48hrs; CrCl 10–29mL/min: 0.3mg once daily or 1mg every 72hrs; CrCl<10mL/min or on hemodialysis: 0.1mg once daily or 1mg every 7 days. If on hemodialysis day, give after session. Children: <2yrs: Not established. Take on empty stomach. Give once daily. ≤30kg: use oral soln. ≥2yrs (nucleoside-naïve): 10–11kg: 3mL; >11–14kg: 4mL; >14–17kg: 5mL; >17–20kg: 6mL; >20–23kg: 7mL; >23–26kg: 8mL; >26–30kg: 9mL; >30kg: 10mL or 0.5mg tab; (lamivudine-experienced): 10–11kg: 6mL; >11–14kg: 8mL; >14–17kg: 10mL; >17–20kg: 12mL; >20–23kg: 14mL; >23–26kg: 16mL; >26–30kg: 18mL; >30kg: 20mL or 1mg tab.
	Baraclude Oral Solution*	0.05mg/mL	oral soln	
interferon alfa-2b	Intron A	10 million IU/vial, 18 million IU/vial, 25 million IU/vial, 50 million IU/vial	IM or SC inj	Adults: ≥18yrs: 5 million IU daily or 10million IU IM or SC three times weekly for 16wks. Children: <1yr: Not established. 1–17yrs: 3million IU/m ² SC three times weekly for 1wk, then increase to 6million IU/m ² (max 10 million IU) three times weekly for a total of 16–24wks.
lamivudine	Epivir-HBV	100mg	tabs	Adults: 100mg once daily. <i>Renal impairment:</i> CrCl 30–49mL/min: 100mg for 1st dose then 50mg once daily; CrCl 15–29mL/min: 100mg for 1st dose then 25mg once daily; CrCl 5–14mL/min: 35mg for 1st dose then 15mg once daily; CrCl<5mL/min: 35mg for 1st dose then 10mg once daily. Children: <2yrs: Not established. 2–17yrs: 3mg/kg (max 100mg) once daily.
		5mg/mL	oral soln	
peginterferon alfa-2a	Pegasys	180mcg/mL, 180mcg/0.5mL	SC inj	Adults: 180mcg once weekly for 48wks. CrCl <30mL/min or ESRD on hemodialysis: 135mcg SC once weekly; may reduce to 90mcg once weekly if severe reactions develop; if intolerance persists, discontinue. Children: <3yrs: Not established. ≥3yrs: 180mcg/1.73m ² × BSA SC once weekly for 48wks; max dose 180mcg. Maintain pediatric dose through duration of therapy in those who turn 18yrs.
tenofovir alafenamide	Vemlidy	25mg	tabs	Adults: ≥18yrs: Take with food. 25mg once daily. <i>Concomitant carbamazepine:</i> 50mg once daily. Hemodialysis: give after session. Children: <18yrs: Not established.
tenofovir disoproxil fumarate	Viread	150mg, 200mg, 250mg, 300mg	tabs	Adults: (≥35kg): 300mg once daily. <i>Renal impairment:</i> CrCl 30–49mL/min: 300mg every 48hrs; CrCl 10–29mL/min: 300mg every 72–96hrs; hemodialysis: 300mg every 7 days or after a total of 12hrs of dialysis; CrCl <10mL/min: not recommended. Children: <2yrs (<10kg): Not established. Mix oral pwd with 2–4oz of soft food not requiring chewing (eg, applesauce, baby food, yogurt). Oral pwd (≥2yrs [≥10kg] or Tabs ≥2yrs [≥17kg]): 8mg/kg [†] once daily; max 300mg/day. Tabs (if able to swallow): ≥2yrs (17–<22kg): 150mg once daily; (22–<28kg): 200mg once daily; (28–<35kg): 250mg once daily; (≥35kg): 300mg once daily.
	Viread Oral Powder	40mg/1g	oral pwd	

NOTES

*For doses <0.5mg, use oral solution. †Round to nearest tab strength or half scoop of oral pwd.

(Rev. 10/2021)