

HEPATITIS B VIRUS TREATMENTS

Generic	Brand	Usual Dose
adefovir dipivoxil	Hepsera	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: Not recommended.
entecavir	Baraclude*	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: <16yrs: Not recommended.
interferon alfa-2b	Intron A	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	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.
peginterferon alfa-2a	Pegasys	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 x BSA SC once weekly for 48wks; max dose 180mcg. Maintain pediatric dose through duration of therapy in those who turn 18yrs.
tenofovir alafenamide	Vemlidy	Adults: ≥18yrs: Take with food. 25mg once daily. <i>Concomitant carbamazepine:</i> 50mg once daily. Children: <18yrs: Not established.
tenofovir disoproxil fumarate	Viread	Adults: ≥12yrs (≥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: <12yrs or <35kg: Not established.

NOTES

*For doses <0.5mg, use oral solution.

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