**Supplemental Table 1. Causes associated with hyperferritinemia other than Hemophagocytic Lymphohistiocytosis, sepsis or septic shock.**

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| --- | --- |
| **Liver disease**  | **K76.1 Q44.6 Z75.77 K70.0 K70.2 K70.3 K70.4 K70.9 K71.0 K71.1 K71.7 K71.88 K71.9 K72.0 K72.1 K72.71 K72.72 K72.73 K72.74****K72.79 K72.9 K74.0 K74.3 K74.4 K74.5 K74.6 K75.8 K76.0 K76.5 K76.7 K76.8 K76.9 K77.8 O14.2 R17** |
| **Renal disease** | **I12.00 I12.01 I13.00 I13.01 I13.10 I13.11 I13.20 I13.21 I15.11 N00.8 N00.9 N01.7 N01.8 N01.9 N03.5 N03.8 N03.9 N04.3 N05.0****N05.4 N05.5 N05.8 N08.0 N08.1 N08.2 N08.3 N08.4 N08.5 N10 N11.1 N13.3 N13.9 N17.0 N17.03 N17.1 N17.8 N17.81 N17.82****N17.83 N17.89 N17.9 N17.91 N17.92 N17.99 N18.0 N18.1 N18.2 N18.3 N18.4 N18.5 N18.82 N18.83 N18.84 N18.89 N18.9 N19 N25.8****N25.9 N26 N28.8 N28.9 N99.0 O26.81 O90.4 Q61.2 Q61.3 Q61.5 Q61.8 Z49.0 Z49.1 Z90.5 Z99.2** |
| **Autoimmune disease** | **M06.99 M30.0 E06.3 G35.10 I73.0 K50.0 K50.82 K50.88 K50.9 K51.9 L10.0 L12.0 L12.8 L13.9 L20.8 L40.8 M05.30 M05.90 M06.10****M06.19 M06.80 M06.90 M08.29 M13.0 M31.3 M31.7 M32.0 M32.1 M32.8 M32.9 M33.9 M34.0 M34.1 M34.8 M34.9 M35.0 M35.3 M35.8****M45.00 M45.09 M79.09** |
| **Hepatitis** | **B15.9 B16.2 B16.9 B17.2 B18.1 B18.2 K70.1 K71.6 K73.1 K73.2 K73.8 K75.2 K75.4 Z22.** |
| **Tuberculosis** | **A15.0 A15.1 A15.4 A15.6 A16.2 A16.9 A18.8 M90.0** |
| **HIV** | **B20 B21 B22 B23.0 B23.8 B24 R75 U60.1 U60.3 U60.9 U61.1 U61.2 U61.3 U61.9 Z21** |
| **HSV** | **A60.0 A60.9 B00.1 B00.4 B00.7 B00.8** |
| **CMV** | **B25.0 B25.8 B25.80 B25.88 B25.9** |
| **EBV** | **B27.0** **D82.3** |
| **VZV** | **B01.1 B02.2 B02.3 B02.8 B02.9** |
| **Influenza** | **J09 J10.0 J10.1 J10.8 U69.20** |
| **Malaria** | **B50.8 B54** |
| **Bacterial,viral or fungal infection** | **J15.1 J15.2 J18.8 J18.9 J69.0 N39.0 U69.00 I51.4 J04.1 K61.1 A02.0 A04.7 A04.70 A04.79 A04.8 A06.9 A08.0 A08.1 A08.3****A08.4 A09 A09.0 A09.9 A37.0 A42.0 A46 A48.1 A49.0 A49.1 A49.8 A49.9 A50.0 A52.1 A53.9 A69.2 B37.0 B37.1 B37.2****B37.3 B37.4 B37.6 B37.81 B37.88 B37.9 B39.4 B44.1 B44.8 B44.9 B45.1 B46.5 B48.8 B49 B58.2 B58.8 B58.9 B85.0 B95.7****B97.8 G00.3 G00.8 G04.2 G04.9 G05.2 G06.0 G06.1 H10.0 H10.8 H10.9 H20.0 H32.0 H44.1 H65.1 H66.4 H66.9 H70.0 I30.1****I30.9 I33.0 I38 I39.1 I40.0 I41.8 I43.0 J01.0 J01.1 J01.2 J01.3 J02.8 J02.9 J03.8 J06.0 J11.0 J12.8 J13 J14****J15.0 J15.3 J15.4 J15.5 J15.6 J15.7 J15.8 J16.0 J16.8 J17.0 J17.2 J17.3 J17.8 J18.0 J18.1 J18.2 J20.8 J20.9 J21.9** **J39.0 J41.1 J41.8 J44.01 J44.09 J69.1 J69.8 J85.1 J85.2 J85.3 J98.50 J99.8 K04.7 K11.2 K11.3 K12.1 K12.3 K20 K29.8****K29.9 K35.31 K35.8 K51.5 K57.22 K57.32 K57.93 K65.0 K65.9 K67.8 K75.0 K81.0 K83.0 L02.2 L02.3 L02.4 L02.8 L03.01 L03.10****L03.11 L03.3 L03.9 L04.2 L08.8 L08.9 M00.80 M00.81 M00.91 M00.92 M00.96 M00.99 M02.89 M46.22 M46.42 M46.46 M46.47 M46.49 M60.00****M60.99 M70.2 M86.97 M90.29 M90.88 N13.6 N15.10 N15.11 N30.0 N37.0 N76.4 N77.1 O23.5 O86.0 T82.6 T82.7 T83.5 T84.5 T85.78****T89.02 U69.40 Z22.1 Z22.8 Z22.9 Z86.1 K52.1 J22** |
| **Inflammation withoutinfection** | **G04.8 G08 G61.0 H65.4 H65.9 I30.0 I30.8 I40.8 I68.2 I77.6 I80.0 I80.1 I80.2 I80.20 I80.28 I80.3 I80.8 I80.80 I80.81****I80.88 I80.9 I83.2 J31.0 J32.0 J32.3 J32.9 J37.1 J40 J41.0 J67.8 K14.0 K21.0 K29.0 K29.1 K29.3 K29.4 K29.5 K29.6****K29.7 K52.0 K52.8 K52.9 K65.8 K80.00 K80.10 K80.30 K80.40 K81.1 K85.10 K85.11 K85.20 K85.21 K85.80 K85.90 K85.91 K86.0 K86.1****L98.2 M13.80 M13.89 M13.99 N71.1 R09.1 R65.2 R65.3 R65.9** |
| **Hemato-logicmalignancy** | **C77.0 C77.1 C77.2 C77.3 C77.4 C77.5 C77.9 C81.4 C81.7 C83.3 C83.7 C84.1 C84.4 C84.5 C85.1 C85.9 C88.00 C90.00 C90.30****C91.00 C91.01 C91.10 C92.00 C92.10 C93.00 C95.00 C95.10 C96.4 C96.9 D46.7 D46.9 D47.1 D47.4 D61.8 D61.9 Z85.6 Z85.7** |
| **Solid****malignancy** | **C01 C05.8 C08.0 C08.9 C10.3 C10.8 C11.8 C11.9 C15.1 C15.3 C15.4 C15.5 C15.8 C15.9 C16.0 C16.3 C16.9 C17.1 C17.2****C18.2 C18.7 C18.9 C21.0 C22.0 C22.9 C24.0 C25.0 C25.2 C25.7 C31.1 C34.0 C34.1 C34.8 C34.9 C37 C38.4 C40.2 C41.2****C43.6 C43.7 C46.0 C48.8 C49.4 C49.9 C50.8 C50.9 C53.1 C53.8 C53.9 C54.1 C61 C62.1 C62.9 C64 C65 C67.2 C67.8****C67.9 C68.9 C71.1 C71.3 C71.9 C73 C74.0 C76.2 C78.0 C78.2 C78.4 C78.5 C78.6 C78.8 C79.3 C79.4 C79.7 C79.83 C79.88****C80 C80.0 C97 Z85.0 Z85.2 Z85.3 Z85.4 Z85.5 Z85.8 C56 C78.7** |
| **History of transplantation** | **Z94.88 K93.21 K93.24 L99.22 T86.01 T86.02 T86.04 T86.06 T86.09 Z94.80 Z94.81 T86.82 T86.10 T86.11 T86.12 T86.19 Z94.0 T86.81 Z94.2****Z94.3 T86.40 T86.41 T86.49 Z94.4 Z94.1** |

*CMV:* Cytomegalovirus; *EBV:* Epstein-Barr virus; *HIV:* Human immunodeficiency virus; *HSV:* Herpes simplex virus; *VZV:* Varicella-zoster virus