

## MP.019.MPC Chelation Therapy

Maryland Physicians Care considers the **Administration of FDA-Approved Chelating Agents** medically necessary for *any* the following indications:

1. Secondary hemochromatosis due to chronic iron overload. Examples include, but are not limited to <sup>(1)</sup>:
  - a. Iron overloading anemias (e.g., Thalassemias, sideroblastic anemia)
  - b. Parenteral iron overload (e.g., red blood cell transfusions, long-term hemodialysis)
  - c. Chronic liver disease (e.g. Porphyria cutanea tarda, Hepatitis B or C, alcoholic liver disease)
  - d. Dysmetabolic iron overload syndrome
  - e. Other, miscellaneous iron overloading conditions (e.g. neonatal iron overload, congenital atransferrinemia)
2. Heavy metal toxicity, which includes the following:
  - Arsenic, mercury, iron, copper or gold poisoning when long-term exposure and toxicity has been confirmed through lab results (i.e., blood, plasma, and/or urine results) or clinical findings (i.e., symptoms consistent with metal toxicity) <sup>(2)</sup>
  - Aluminum overload in chronic hemodialysis members <sup>(3,4)</sup>
  - Copper overload in members with Wilson's Disease <sup>(5)</sup>
  - Emergency treatment of hypercalcemia <sup>(6)</sup>
  - Lead overload in cases of acute or long-term lead exposure <sup>(2)</sup>

**Note:** for metals not listed above, additional documentation must be maintained in the medical record.

3. Covered Place of Service: Chelation therapy is covered only in the following places of service that can provide the level of care and monitoring required for the procedure:
  - Hospital
  - Hospital-based ambulatory setting
  - Outpatient hospital
  - Emergency room
  - Renal dialysis facilities, and
  - Skilled nursing facilities

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### Limitations

1. Chelation therapy is considered **investigational and not medically necessary** for the treatment of any of the following:
  - Alzheimer's disease
  - Autism Spectrum Disorder
  - Atherosclerosis
  - Cadmium exposure
  - Cancer
  - Cardiovascular disease - prevention and treatment
  - Chemical Endarterectomy with Edetate Disodium
  - Parkinson's disease
  - Peripheral vascular disease
  - Rheumatoid arthritis
2. Non-Covered Locations: Chelation therapy requires close monitoring and is not covered in the following locations that cannot provide the level of care and monitoring required:
  - Office setting
  - Home setting, or
  - Certain ambulatory surgical centers

**Note:** Certain oral iron chelation agents may be taken in the home setting

### Codes

CPT Codes / HCPCS Codes / ICD-10 Codes	
Code	Description
J0470	Injection, Dimercaprol, per 100 mg
J0600	Injection, Edetate Calcium Disodium up to 1000 mg
J0895	Injection, Deferoxamine Mesylate, 500 mg
Non-Covered Codes	
J3520	Edetate disodium, per 150 mg
M0300	Chemical endarterectomy by use of Ethylenediamine-Tetra-Acetic (EDTA) in the treatment of atherosclerosis, arteriosclerosis, calcinosis or similar generalized conditions, or in the treatment of heavy metal poisoning
S9355	Home infusion therapy, chelation therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment

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ICD-10 codes covered if selection criteria are met:	
E83.10	Disorder of iron metabolism, unspecified
E83.110	Hereditary Hemochromatosis
E83.111	Hemochromatosis due to repeated red blood cell transfusions
E83.118	Other Hemochromatosis
E83.119	Hemochromatosis unspecified
E83.00	Disorder of copper metabolism, unspecified
E83.01	Wilson's disease
E83.09	Other disorders of copper metabolism
E83.52	Hypercalcemia
D56.1	Beta thalassemia
D56.2	Delta-beta thalassemia
D56.3	Thalassemia minor
D56.4	Hereditary persistence of fetal hemoglobin [HPFH]
D56.5	Hemoglobin E-beta thalassemia
D56.8	Other thalassemias
D56.9	Thalassemia, unspecified
D57.41	Sickle-cell thalassemia with crisis
D57.411	Sickle-cell thalassemia with acute chest syndrome
D57.412	Sickle-cell thalassemia with splenic sequestration
D57.419	Sickle-cell thalassemia unspecified
D57.00	Sickle-cell unspecified
D57.01	Hb-SS disease with acute chest syndrome
D57.02	Hb-SS disease with splenic sequestration
D57.1	Sickle-cell disease without crisis
D57.20	Sickle-cell/ Hb-C disease without crisis
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome
D57.212	Sickle-cell/Hb-C disease with splenic sequestration
D57.219	Sickle-cell/Hb-C unspecified
D57.3	Sickle-cell trait
D57.80	Other sickle-cell without crisis
D57.811	Other sickle-cell disorders with acute chest syndrome

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D57.812	Other sickle-cell disorders with splenic sequestration
D57.819	Other sickle-cell unspecified
D64.0	Hereditary sideroblastic anemia
D64.1	Secondary sideroblastic anemia due to disease
D64.2	Secondary sideroblastic anemia due to drugs and toxins
D64.3	Other sideroblastic anemias
T37.8X1A	Poisoning by other specified systemic anti-infectives and antiparasitics, accidental (unintentional), initial encounter
T37.8X1D	Poisoning by other specified systemic anti-infectives and antiparasitics, accidental (unintentional), subsequent encounter
T37.8X1S	Poisoning by other specified systemic anti-infectives and antiparasitics, accidental (unintentional), sequela
T37.8X2A	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm initial encounter
T37.8X2D	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm subsequent encounter
T37.8X2S	Poisoning by other specified systemic anti-infectives and antiparasitics, intentional self-harm sequela
T37.8X3A	Poisoning by other specified systemic anti-infectives and antiparasitics, assault initial encounter
T37.8X3D	Poisoning by other specified systemic anti-infectives and antiparasitics, assault subsequent encounter
T37.8X3S	Poisoning by other specified systemic anti-infectives and antiparasitics, assault sequela
T37.8X4A	Poisoning by other specified systemic anti-infectives and antiparasitics, undetermined initial encounter
T37.8X4D	Poisoning by other specified systemic anti-infectives and antiparasitics, undetermined subsequent encounter
T37.8X4S	Poisoning by other specified systemic anti-infectives and antiparasitics, undetermined sequela
T37.8X5A	Adverse effect of other specified systemic anti-infectives and antiparasitics initial encounter
T37.8X5D	Adverse effect of other specified systemic anti-infectives and antiparasitics subsequent encounter
T37.8X5S	Adverse effect of other specified systemic anti-infectives and

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	antiparasitics sequela
T45.4X1A	Poisoning by iron and its compounds, accidental (unintentional) initial encounter
T45.4X1D	Poisoning by iron and its compounds, accidental (unintentional) subsequent encounter
T45.4X1S	Poisoning by iron and its compounds, accidental (unintentional) sequela
T45.4X2A	Poisoning by iron and its compounds, intentional self-harm initial encounter
T45.4X2D	Poisoning by iron and its compounds, intentional self-harm subsequent encounter
T45.4X2S	Poisoning by iron and its compounds, intentional self-harm sequel
T45.4X3A	Poisoning by iron and its compounds, assault initial encounter
T45.4X3D	Poisoning by iron and its compounds, assault subsequent encounter
T45.4X3S	Poisoning by iron and its compounds, assault sequela
T45.4X4A	Poisoning by iron and its compounds, undetermined initial encounter
T45.4X4D	Poisoning by iron and its compounds, undetermined subsequent encounter
T45.4X4S	Poisoning by iron and its compounds, undetermined sequela
T45.4X5A	Adverse effect of iron and its compounds initial encounter
T45.4X5D	Adverse effect of iron and its compounds subsequent encounter
T45.4X5S	Adverse effect of iron and its compounds sequela
T56.0X1A	Toxic effect of lead and its compounds, accidental (unintentional) initial encounter
T56.0X1D	Toxic effect of lead and its compounds, accidental (unintentional) subsequent encounter
T56.0X1S	Toxic effect of lead and its compounds, accidental (unintentional) sequela
T56.0X2A	Toxic effect of lead and its compounds, intentional self-harm initial encounter
T56.0X2D	Toxic effect of lead and its compounds, intentional self-harm subsequent encounter
T56.0X2S	Toxic effect of lead and its compounds, intentional self-harm Sequel
T56.0X3A	Toxic effect of lead and its compounds, intentional assault initial encounter

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T56.0X3D	Toxic effect of lead and its compounds, intentional assault subsequent encounter
T56.0X3S	Toxic effect of lead and its compounds, intentional assault sequela
T56.0X4A	Toxic effect of lead and its compounds, undetermined initial encounter
T56.0X4D	Toxic effect of lead and its compounds, undetermined subsequent
T56.0X4S	Toxic effect of lead and its compounds, undetermined sequela
T56.1X1A	Toxic effect of mercury and its compound, accidental initial encounter
T56.1X1D	Toxic effect of mercury and its compound, accidental subsequent encounter
T56.1X1S	Toxic effect of mercury and its compound, accidental sequela
T56.1X2A	Toxic effect of mercury and its compounds, intentional self-harm initial encounter
T56.1X2D	Toxic effect of mercury and its compounds, intentional self-harm subsequent encounter
T56.1X2S	Toxic effect of mercury and its compounds, intentional self-harm sequela
T56.1X3A	Toxic effect of mercury and its compounds, assault initial encounter
T56.1X3D	Toxic effect of mercury and its compounds, assault subsequent encounter
T56.1X3S	Toxic effect of mercury and its compounds, assault sequela
T56.1X4A	Toxic effect of mercury and its compounds, undetermined initial encounter
T56.1X4D	Toxic effect of mercury and its compounds, undetermined subsequent encounter
T56.1X4S	Toxic effect of mercury and its compounds, undetermined sequel
T56.4X1A	Toxic effect of copper and its compounds, accidental initial encounter
T56.4X1D	Toxic effect of copper and its compounds, accidental initial subsequent encounter
T56.4X1S	Toxic effect of copper and its compounds, accidental initial sequela
T56.4X2A	Toxic effect of copper and its compounds, intentional self-harm initial encounter
T56.4X2D	Toxic effect of copper and its compounds, intentional self-harm subsequent encounter
T56.4X2S	Toxic effect of copper and its compounds, intentional self-harm sequela
T56.4X3A	Toxic effect of copper and its compounds, assault initial encounter
T56.4X3D	Toxic effect of copper and its compounds, assault subsequent encounter
T56.4X3S	Toxic effect of copper and its compounds, assault sequela

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T56.4X4A	Toxic effect of copper and its compounds, undetermined initial encounter
T56.4X4D	Toxic effect of copper and its compounds, undetermined subsequent encounter
T56.4X4S	Toxic effect of copper and its compounds, undetermined sequel
T56.891A	Toxic effect of other metals, accidental (unintentional) initial encounter
T56.891D	Toxic effect of other metals, accidental (unintentional) subsequent encounter
T56.891S	Toxic effect of other metals, accidental (unintentional) sequela
T56.892A	Toxic effect of other metals, intentional self-harm initial encounter
T56.892D	Toxic effect of other metals, intentional self-harm subsequent encounter
T56.892S	Toxic effect of other metals, intentional self-harm sequela
T56.893A	Toxic effect of other metals, assault initial encounter
T56.893D	Toxic effect of other metals, assault subsequent encounter
T56.893S	Toxic effect of other metals, assault sequela
T56.894A	Toxic effect of other metals, undetermined initial encounter
T56.894D	Toxic effect of other metals, undetermined subsequent encounter
T56.894S	Toxic effect of other metals, undetermined sequela
T56.91XA	Toxic effect of unspecified metal, accidental (unintentional) initial encounter
T56.91XD	Toxic effect of unspecified metal, accidental (unintentional) subsequent encounter
T56.91XS	Toxic effect of unspecified metal, accidental (unintentional) sequela
T56.92XA	Toxic effect of unspecified metal, intentional self-harm initial encounter
T56.92XD	Toxic effect of unspecified metal, intentional self-harm subsequent encounter
T56.92XS	Toxic effect of unspecified metal, intentional self-harm sequela
T56.93XA	Toxic effect of unspecified metal, assault initial encounter
T56.93XD	Toxic effect of unspecified metal, assault subsequent encounter
T56.93XS	Toxic effect of unspecified metal, assault sequela
T56.94XA	Toxic effect of unspecified metal, undetermined initial encounter
T56.94XD	Toxic effect of unspecified metal, undetermined subsequent encounter
T56.94XS	Toxic effect of unspecified metal, undetermined sequela



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