

# IV Vitamins & Supplements — Billing Cheat Sheet

CARECOST ESTIMATE · WAVE 8 ROLLUP

**Anchor:** Cyanocobalamin / B12 (J3420) B12 / Vit K / Thiamine / Leucovorin / Glucagon / Carnitine / MVI **Reviewed:** May 22, 2026 **ASP:** Q2 2026

**#1 DENIAL** **Route mismatch.** 96365 (IV infusion) billed for an IM B12 injection that should be 96372. 96374 (IV push) billed for a slow IV phytonadione infusion that should be 96365. 96372 (IM) billed for an IV drug. The HCPCS J-code stays the same in all routes; only the CPT admin code changes. Pull the nursing note for the documented route before locking the admin code.

## THE ROUTE MATRIX (DO THIS FIRST)

DRUG / SCENARIO	HCPCS	ADMIN CODE
B12 IM monthly (pernicious anemia)	J3420	96372
B12 SC (anticoagulated patient)	J3420	96372
Vitamin K IV (active bleed, slow infusion)	J3430	96365 (never push)
Thiamine IV (Wernicke / at-risk, 100-500 mg over 30 min)	J3411	96365 (or 96374 if pushed)
Leucovorin (methotrexate rescue / 5-FU modulation)	J0640	96365 standalone; 96413 when in chemo regimen
Glucagon IM (severe hypoglycemia)	J1610	96372
Glucagon IV (BB / CCB toxicity)	J1610	96374 push + 96365 / 96366 infusion
Levocarnitine IV (VPA toxicity, non-ESRD)	J1955	96365
MVI / trace elements in TPN bag	none	Bundled into TPN per-diem
Vitamin C IV (sepsis adjunct)	J3490 NOC	Generally not covered

**Only ONE initial admin code per encounter.** Hierarchy: chemo > therapeutic drug IV > IV push > SC/IM > hydration.

## BUNDLED VS SEPARATELY PAYABLE

SETTING / CONTEXT	POS	STATUS
PCP office monthly B12	11	<b>Separately payable</b>
ED thiamine / Vit K / glucagon	23	<b>Separately payable</b>
HOPD standalone	22	<b>Separately payable (OPPS)</b>
HOPD packaged procedure	22	Packaged in APC
Inpatient (all drugs)	21	Bundled in MS-DRG
<b>MVI / trace in TPN bag</b>	any	<b>Bundled in TPN per-diem</b>
<b>Levocarnitine in dialysis facility</b>	65	<b>Bundled in ESRD PPS</b>
Levocarnitine non-ESRD (VPA tox)	23 / 22	<b>Separately payable</b>
EMS pre-hospital glucagon	EMS	Bundled in ambulance transport
Newborn vit K prophylaxis	21	Bundled in birth admission

## ICD-10 — DEFICIENCY / TOXICITY

CODE	FOR
D51.0	Pernicious anemia (B12 monthly)
D51.8 / D51.9	Other / unspec B12 def anemia
E53.8	B12 / folate def w/o anemia
D52.0 / D52.1	Folate def anemia (diet / drug)
E51.2	Wernicke encephalopathy
E51.11 / E51.12	Beriberi (dry / wet)
E51.8 / E51.9	Thiamine def other / unspec
E54	Scurvy (covered IV vit C)
E56.1	Vitamin K deficiency
T45.515A	Warfarin adverse effect (Vit K)
E16.0 / E16.2	Hypoglycemia drug-induced / NOS (glucagon)
T44.7X1A	BB poisoning, accidental (glucagon IV)
T46.1X1A	CCB poisoning, accidental (glucagon IV)
T42.6X1A	VPA poisoning, accidental (carnitine)
E71.4x	Carnitine metabolism disorders (carnitine)
N18.6 + Z99.2	ESRD on dialysis (carnitine BUNDLED)
F10.20	Alcohol use disorder (thiamine ctx)
O21.0 / O21.1	Hyperemesis gravidarum (thiamine ctx)
K91.2	Post-surgical malabsorption (B12/thiamine ctx)

## HCPCS + Q2 2026 ASP+6%

HCPCS	DRUG	UNIT	ASP+6%
J3420	Cyanocobalamin / B12	per 1000 mcg	<b>\$0.667</b>
J3430	Phytonadione / Vitamin K	per 1 mg	\$3.156
J3411	Thiamine / B1	per 100 mg	\$1.554
J0640	Leucovorin / folinic acid	per 50 mg	\$3.591
J1610	Glucagon	per 1 mg	\$146.332
J1955	Levocarnitine (Carnitor)	per 1 g	\$23.087
J3490	NOC (MVI, trace, ascorbic acid)	NOC	Manual / invoice (TPN-bundled in TPN context)

## FOLATE VS LEUCOVORIN (DO NOT CONFUSE)

DRUG	HCPCS	USE
Plain folic acid (vitamin B9)	J3490 / J7799 NOC	Nutritional supplementation; oral first-line
Leucovorin (folinic acid) Ca	J0640	Methotrexate rescue, 5-FU modulation, trimethoprim/pyrimethamine rescue

**Plain folic acid is NOT J0640.** J0640 = leucovorin / folinic acid only.

## B12 DOSING (PERNICIOUS ANEMIA)

- Loading: 1000 mcg IM daily × 7 d, then weekly × 4, then monthly
- Maintenance: 1000 mcg IM (or deep SC) monthly — lifelong
- 1 unit J3420 = 1000 mcg = 1 vial / dose
- Annual drug ASP: ~\$8 per patient on maintenance (the office E/M + admin code is the revenue)

## VITAMIN K (WARFARIN REVERSAL)

SCENARIO	ROUTE & DOSE
INR 4.5-10 no bleed	Oral 2.5 mg PO × 1 (preferred)
Warfarin active major bleed	IV 5-10 mg in 50-100 mL NS over 20-30 min + 4-factor PCC (Kcentra)
Newborn prophylaxis	IM 0.5-1 mg × 1 (bundled in birth admission)

**NEVER IV push phytonadione.** FDA label: anaphylactoid / cardiac collapse reactions reported. Always dilute, infuse over 20-30 min.

## TOP DENIALS

1. **MVI / trace billed separately on TPN claim** → bundled in per-diem, suppress line
2. **Vit C IV for sepsis adjunct** → not covered post-VITAMINS/LOVIT, do not bill
3. **96365 billed for IM B12** → re-code to 96372 (route mismatch)
4. **96374 IV push for slow vit K infusion** → re-code to 96365
5. **J0640 for plain folate** → use J3490/J7799 NOC; J0640 = leucovorin only
6. **Levocarnitine separately on dialysis claim** → bundled in ESRD PPS
7. **EMS pre-hospital glucagon as drug line** → bundled in transport
8. **D51.0 pernicious anemia w/o IF/parietal Ab workup** → use D51.8/D51.9/E53.8
9. **NOC line w/o NDC + invoice** → returned unprocessed

## TPN BUNDLING RULE

**MVI (Infuvite Adult / MVI-12), trace elements (Mltrys / Tralement / Addamel: Se, Zn, Mn, Cu, Cr), and individual additives mixed into the TPN bag are bundled into the parenteral nutrition per-diem.** Home infusion: S9364 / S9365 + B-codes (B4185 / B4189 / B4193 / B4197 / B4199). Inpatient: MS-DRG. Separate J3490 lines on a TPN claim are the #1 inpatient pharmacy audit finding. Suppress at chargemaster.

## OUTPATIENT CONTEXT (WHERE THE J-CODES PAY)

- **PCP office monthly B12** (the volume play): J3420 + 96372 + E/M
- **ED thiamine for Wernicke risk:** J3411 × 5 (500 mg) + 96365 + F10.20 / E51.2
- **ED vit K for warfarin bleed:** J3430 × 10 (10 mg) + 96365 + T45.515A
- **ED glucagon BB/CCB tox:** J1610 (5 mg push + infusion) + 96374 + 96365/96366
- **Oncology methotrexate rescue:** J0640 q6h until MTX cleared
- **FOLFOX/FOLFIRI/FOLFIRINOX:** J0640 bundled into chemo regimen admin

## PATIENT ASSISTANCE

**Essentially none.** Commodity generics across the board. No copay cards, no PAN/HealthWell funds. Brand-specific exceptions: Carnitor (Leadiant case-by-case for primary carnitine deficiency); Lilly Glucagon Emergency Kit via Lilly Cares (rare buy-and-bill). Patient OOP flows through facility / E&M / admin code coinsurance, not a drug copay program. Hospital 501(r) financial assistance is the safety net for uninsured.

## IRON PRODUCTS (NOT ON THIS ROLLUP)

See dedicated pages: **Injectafer** (J1439) · **Monoferric** (J1437) · **Feraheme** (Q0138) · **INFeD** (J1750) · **Venofer** (J1756).