



BlueCross BlueShield of Vermont

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Home Infusion Therapy Corporate Medical Policy

File name: Home Infusion Therapy
File Code: UM.DME.15
Origination: 10/04
Last Review: 03/2018
Next Review: 03/2019
Effective Date: 08/01/2018

Description/Summary

Infusion therapy involves the administration of medication through a needle or catheter. It is prescribed when a patient's condition is so severe that it cannot be treated effectively by oral medications. Typically, "infusion therapy" means that a drug is administered intravenously, but the term also may refer to situations where drugs are provided through other non-oral routes, such as intramuscular injections and epidural routes (into the membranes surrounding the spinal cord).

Diseases commonly requiring infusion therapy include infections that are unresponsive to oral antibiotics, cancer and cancer-related pain, dehydration, gastrointestinal diseases or disorders which prevent normal functioning of the gastrointestinal system, and more.

Policy

Coding Information

Click the links below for attachments, coding tables & instructions.

[Attachment I - Coding Table & Instructions](#)

When a service may be considered medically necessary

Home infusion therapy via Intravenous (IV) solutions and/or injectable (given either subcutaneous or intramuscular) medications may be considered medically necessary by the Plan when ALL of the following criteria are met:

- Prescription drug is FDA approved; **AND**
- Therapy regimen is prescribed by a medical doctor (MD or DO), physicians' assistant (PA) or nurse practitioner (NP); **AND**
- Therapy is managed by a medical doctor (MD or DO), physician's assistant (PA), nurse practitioner (NP) or registered nurse (RN) in the home; **AND**

- Treatment can be safely administered in the home; **AND**
- The prescribed home infusion therapy regimen is for a period of time not to exceed the standard of care for the condition being treated; **AND**
- Services are provided by a network/preferred home infusion therapy provider

NOTE: Certain drugs may require prior approval. Please refer to the BCBSVT Drug Prior Approval Listing

When a service is considered not medically necessary

- Home infusion therapy that does not meet the above criteria of medical necessity.

Reference Resources

1. Guidelines for the Medical Management of the Home Care Patient. AMA Practice Parameters (1998 March): 1-26.
2. Overview of Home Infusion Therapy. National Home Infusion Association
<http://www.nhianet.org/ppopresources/index.html>
3. Blue Cross and Blue Shield Association. (2003, January). Total Parenteral Nutrition and Enteral Nutrition in the home. (Medical Policy 1.02.01)

Document Precedence

Blue Cross and Blue Shield of Vermont (BCBSVT) Medical Policies are developed to provide clinical guidance and are based on research of current medical literature and review of common medical practices in the treatment and diagnosis of disease. The applicable group/individual contract and member certificate language, or employer's benefit plan if an ASO group, determines benefits that are in effect at the time of service. Since medical practices and knowledge are constantly evolving, BCBSVT reserves the right to review and revise its medical policies periodically. To the extent that there may be any conflict between medical policy and contract/employer benefit plan language, the member's contract/employer benefit plan language takes precedence.

Audit Information

BCBSVT reserves the right to conduct audits on any provider and/or facility to ensure compliance with the guidelines stated in the medical policy. If an audit identifies instances of non-compliance with this medical policy, BCBSVT reserves the right to recoup all non-compliant payments.

Administrative and Contractual Guidance

Benefit Determination Guidance

Prior approval may be required and benefits are subject to all terms, limitations and conditions of the subscriber contract.

Incomplete authorization requests may result in a delay of decision pending submission of missing information. To be considered complete, see policy guidelines above.

An approved referral authorization for members of the New England Health Plan (NEHP) is required. A prior approval for Access Blue New England (ABNE) members is required. NEHP/ABNE members may have different benefits for services listed in this policy. To confirm benefits, please contact the customer service department at the member's health plan.

Federal Employee Program (FEP): Members may have different benefits that apply. For further information please contact FEP customer service or refer to the FEP Service Benefit Plan Brochure. It is important to verify the member's benefits prior to providing the service to determine if benefits are available or if there is a specific exclusion in the member's benefit.

Coverage varies according to the member's group or individual contract. Not all groups are required to follow the Vermont legislative mandates. Member Contract language takes precedence over medical policy when there is a conflict.

If the member receives benefits through an Administrative Services Only (ASO) group, benefits may vary or not apply. To verify benefit information, please refer to the member's employer benefit plan documents or contact the customer service department. Language in the employer benefit plan documents takes precedence over medical policy when there is a conflict.

Policy Implementation/Update information

10/2004	New Policy
12/2005	Reviewed with minor wording changes and new CPT and HCPCS codes
12/2006	Reviewed. HCPCS code changes
03/2007	Reviewed and approved by the BCBSVT Clinical Advisory Committee
05/2008	Format changes made. To be reviewed by CAC 07/2008
11/2016	Updated coding table to remove TPN and enteral codes, refer to separate medical policies. Updated format and language to include when home infusion is not medically necessary.
3/2018	Changed headers, reorganized medical necessity criteria, removed criteria bullets for PA/certifying every 6 months/acute care/treatment plan. Removed HCPCS Codes A4220 & A4221 from coding table as requiring PA- Per the DME medical PA list these codes do not require PA.

Eligible Providers

Qualified healthcare professionals practicing within the scope of their license(s).

Gabrielle Bercy-Roberson, MD, MPH, MBA
 Senior Medical Director
 Chair, Health Policy Committee

Joshua Plavin, MD, MPH, MBA
 Chief Medical Officer

Attachment I
 Coding Table & Instructions

Code Type	Number	Brief Description	Policy Instructions
The following codes will be considered medically necessary when applicable criteria have been met.			
CPT®	99601	Home infusion/specialty drug administration, per visit (up to 2 hours)	
CPT®	99602	Home infusion/specialty drug administration, per visit (up to 2 hours); each additional hour (List separately in addition to code for primary procedure)	
HCPCS	A4220	Refill kit for implantable infusion pump	
HCPCS	A4221	Supplies for maintenance of drug infusion catheter, per week (list drug separately)	
HCPCS	A4222	Infusion supplies for external drug infusion pump, per cassette or bag (list drugs separately)	
HCPCS	B4164	Parenteral nutrition solution: carbohydrates (dextrose), 50% or less (500 ml = 1 unit), home mix	
HCPCS	B4168	Parenteral nutrition solution; amino acid, 3.5%, (500 ml = 1 unit) - home mix	
HCPCS	B4172	Parenteral nutrition solution; amino acid, 5.5% through 7%, (500 ml = 1 unit) - home mix	
HCPCS	B4176	Parenteral nutrition solution; amino acid, 7% through 8.5%, (500 ml = 1 unit) - home mix	
HCPCS	B4178	Parenteral nutrition solution: amino acid, greater than 8.5% (500 ml = 1 unit), home mix	

HCPCS	B4180	Parenteral nutrition solution: carbohydrates (dextrose), greater than 50% (500 ml = 1 unit), home mix	
HCPCS	B4185	Parenteral nutrition solution, per 10 grams lipids	
HCPCS	B4189	Parenteral nutrition solution: compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, 10 to 51 g of protein, premix	
HCPCS	B4193	Parenteral nutrition solution: compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, 52 to 73 g of protein, premix	
HCPCS	B4197	Parenteral nutrition solution; compounded amino acid and carbohydrates with electrolytes, trace elements and vitamins, including preparation, any strength, 74 to 100 grams of protein - premix	
HCPCS	B4199	Parenteral nutrition solution; compounded amino acid and carbohydrates with electrolytes, trace elements and vitamins, including preparation, any strength, over 100 grams of protein - premix	
HCPCS	B4216	Parenteral nutrition; additives (vitamins, trace elements, Heparin, electrolytes), home mix, per day	
HCPCS	B4220	Parenteral nutrition supply kit; premix, per day	
HCPCS	B4222	Parenteral nutrition supply kit; home mix, per day	
HCPCS	B4224	Parenteral nutrition administration kit, per day	
HCPCS	B5000	Parenteral nutrition solution: compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, renal - Amirosyn RF, NephroAmine, RenAmine - premix	
HCPCS	B5100	Parenteral nutrition solution compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, hepatic-HepatoAmine-premix	
HCPCS	B5200	Parenteral nutrition solution compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, stress-branch chain amino acids-FreAmine-HBC-premix	
HCPCS	B9004	Parenteral nutrition infusion pump, portable	Requires Prior Authorization
HCPCS	B9006	Parenteral nutrition infusion pump, stationary	Requires Prior Authorization
HCPCS	E0779	Ambulatory infusion pump, mechanical, reusable, for infusion 8 hours or greater	
HCPCS	E0780	Ambulatory infusion pump, mechanical, reusable, for infusion less than 8 hours	

HCPCS	E0781	Ambulatory infusion pump, single or multiple channels, electric or battery operated, with administrative equipment, worn by patient	
HCPCS	E0782	Infusion pump, implantable, nonprogrammable (includes all components, e.g., pump, catheter, connectors, etc.)	
HCPCS	E0783	Infusion pump system, implantable, programmable (includes all components, e.g., pump, catheter, connectors, etc.)	
HCPCS	E0791	Parenteral infusion pump, stationary, single, or multichannel	Requires Prior Authorization
HCPCS	G0299	Direct skilled nursing services of a registered nurse (RN) in the home health or hospice setting, each 15 minutes	
HCPCS	G0300	Direct skilled nursing services of a licensed practical nurse (LPN) in the home health or hospice setting, each 15 minutes	
HCPCS	K0455	Infusion pump used for uninterrupted parenteral administration of medication, (e.g., epoprostenol or treprostinol)	
HCPCS	S5035	Home infusion therapy, routine service of infusion device (e.g., pump maintenance)	
HCPCS	S5036	Home infusion therapy, repair of infusion device (e.g., pump repair)	
HCPCS	S5497	Home infusion therapy, catheter care/maintenance, not otherwise classified; includes administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S5498	Home infusion therapy, catheter care/maintenance, simple (single lumen), includes administrative services, professional pharmacy services, care coordination and all necessary supplies and equipment, (drugs and nursing visits coded separately), per diem	
HCPCS	S5501	Home infusion therapy, catheter care/maintenance, complex (more than one lumen), includes administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S5502	Home infusion therapy, catheter care/maintenance, implanted access device, includes administrative services, professional pharmacy services, care coordination and all necessary supplies and	

		equipment (drugs and nursing visits coded separately), per diem (use this code for interim maintenance of vascular access not currently in use)	
HCPCS	S5517	Home infusion therapy, all supplies necessary for restoration of catheter patency or declotting	
HCPCS	S5518	Home infusion therapy, all supplies necessary for catheter repair	
HCPCS	S5520	Home infusion therapy, all supplies (including catheter) necessary for a peripherally inserted central venous catheter (PICC) line insertion	
HCPCS	S5521	Home infusion therapy, all supplies (including catheter) necessary for a midline catheter insertion	
HCPCS	S5522	Home infusion therapy, insertion of peripherally inserted central venous catheter (PICC), nursing services only (no supplies or catheter included)	
HCPCS	S5523	Home infusion therapy, insertion of midline venous catheter, nursing services only (no supplies or catheter included)	
HCPCS	S9208	Home management of preterm labor, including administrative services, professional pharmacy services, care coordination, and all necessary supplies or equipment (drugs and nursing visits coded separately), per diem (do not use this code with any home infusion per diem code)	
HCPCS	S9211	Home management of gestational hypertension, includes administrative services, professional pharmacy services, care coordination and all necessary supplies and equipment (drugs and nursing visits coded separately); per diem (do not use this code with any home infusion per diem code)	
HCPCS	S9212	Home management of postpartum hypertension, includes administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem (do not use this code with any home infusion per diem code)	
HCPCS	S9213	Home management of preeclampsia, includes administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing services coded separately); per diem (do not use this code with any home infusion per diem code)	
HCPCS	S9214	Home management of gestational diabetes, includes administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately); per diem (do not use this code with any home infusion per diem code)	

HCPCS	S9325	Home infusion therapy, pain management infusion; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment, (drugs and nursing visits coded separately), per diem (do not use this code with S9326, S9327 or S9328)	
HCPCS	S9326	Home infusion therapy, continuous (24 hours or more) pain management infusion; administrative services, professional pharmacy services, care coordination and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9327	Home infusion therapy, intermittent (less than 24 hours) pain management infusion; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9328	Home infusion therapy, implanted pump pain management infusion; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9329	Home infusion therapy, chemotherapy infusion; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem (do not use this code with S9330 or S9331)	
HCPCS	S9330	Home infusion therapy, continuous (24 hours or more) chemotherapy infusion; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9331	Home infusion therapy, intermittent (less than 24 hours) chemotherapy infusion; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9335	Home therapy, hemodialysis; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing services coded separately), per diem	
HCPCS	S9338	Home infusion therapy, immunotherapy, administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	

HCPCS	S9339	Home therapy; peritoneal dialysis, administrative services, professional pharmacy services, care coordination and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9345	Home infusion therapy, antihemophilic agent infusion therapy (e.g., factor VIII); administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9346	Home infusion therapy, alpha-1-proteinase inhibitor (e.g., Prolastin); administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9347	Home infusion therapy, uninterrupted, long-term, controlled rate intravenous or subcutaneous infusion therapy (e.g., epoprostenol); administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9348	Home infusion therapy, sympathomimetic/inotropic agent infusion therapy (e.g., Dobutamine); administrative services, professional pharmacy services, care coordination, all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9349	Home infusion therapy, tocolytic infusion therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9351	Home infusion therapy, continuous or intermittent antiemetic infusion therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and visits coded separately), per diem	
HCPCS	S9353	Home infusion therapy, continuous insulin infusion therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9355	Home infusion therapy, chelation therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	

HCPCS	S9357	Home infusion therapy, enzyme replacement intravenous therapy; (e.g., Imiglucerase); administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9359	Home infusion therapy, antitumor necrosis factor intravenous therapy; (e.g., Infliximab); administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9361	Home infusion therapy, diuretic intravenous therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9363	Home infusion therapy, antispasmodic therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9370	Home therapy, intermittent antiemetic injection therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9372	Home therapy; intermittent anticoagulant injection therapy (e.g., Heparin); administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem (do not use this code for flushing of infusion devices with Heparin to maintain patency)	
HCPCS	S9373	Home infusion therapy, hydration therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem (do not use with hydration therapy codes S9374-S9377 using daily volume scales)	
HCPCS	S9374	Home infusion therapy, hydration therapy; 1 liter per day, administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	

HCPCS	S9375	Home infusion therapy, hydration therapy; more than 1 liter but no more than 2 liters per day, administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9376	Home infusion therapy, hydration therapy; more than 2 liters but no more than 3 liters per day, administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9377	Home infusion therapy, hydration therapy; more than 3 liters per day, administrative services, professional pharmacy services, care coordination, and all necessary supplies (drugs and nursing visits coded separately), per diem	
HCPCS	S9379	Home infusion therapy, infusion therapy, not otherwise classified; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9490	Home infusion therapy, corticosteroid infusion; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9494	Home infusion therapy, antibiotic, antiviral, or antifungal therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem (do not use this code with home infusion codes for hourly dosing schedules S9497-S9504)	
HCPCS	S9497	Home infusion therapy, antibiotic, antiviral, or antifungal therapy; once every 3 hours; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9500	Home infusion therapy, antibiotic, antiviral, or antifungal therapy; once every 24 hours; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	

HCPCS	S9501	Home infusion therapy, antibiotic, antiviral, or antifungal therapy; once every 12 hours; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9502	Home infusion therapy, antibiotic, antiviral, or antifungal therapy; once every 8 hours, administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9503	Home infusion therapy, antibiotic, antiviral, or antifungal; once every 6 hours; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9504	Home infusion therapy, antibiotic, antiviral, or antifungal; once every 4 hours; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9537	Home therapy; hematopoietic hormone injection therapy (e.g., erythropoietin, G-CSF, GM-CSF); administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9538	Home transfusion of blood product(s); administrative services, professional pharmacy services, care coordination and all necessary supplies and equipment (blood products, drugs, and nursing visits coded separately), per diem	
HCPCS	S9542	Home injectable therapy, not otherwise classified, including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9558	Home injectable therapy; growth hormone, including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	

HCPCS	S9559	Home injectable therapy, interferon, including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9560	Home injectable therapy; hormonal therapy (e.g., leuprolide, goserelin), including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9562	Home injectable therapy, palivizumab, including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	
HCPCS	S9590	Home therapy, irrigation therapy (e.g., sterile irrigation of an organ or anatomical cavity); including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	