

UNIT CALCULATION FOR CCS SAR ADJUDICATION

I. Unit Value

- Set by Centers for Medicare and Medicaid Services (CMS)
- Listed with each HCPCS code for drug therapies.
- Example: 1 unit of Nusinersen would equal 0.1 mg
 - From CMSNet:

Search

> Authorization > Referral > Service Code/Formulary and Medical Supplies Inquiry

Classification
Medical Procedure

Code or Description (Press Enter key to search)
nusinersen

Search

Search Results - Service Code/Formulary and Medical Supplies Inquiry

Display: 25 (Range 1-1000) records per page Filter the records:

| Service Code | Service Description | Service Type |
|--------------|------------------------|-------------------|
| > C9489(I) | INJECTION, NUSINERSEN | Medical Procedure |
| > J2326(I) | INJ, NUSINERSEN, 0.1MG | Medical Procedure |

- From Medi-Cal Provider Manual or any Medi-Cal website search:

[Injections: Code List \(inject cd list\)](#)

mcweb.apps.prd.cammis.medi-cal.ca.gov › file › manual

File Format: PDF/Adobe Acrobat



Nusinersen - 0.1 mg, J2326. Page 25. inject cd list. 25. Part 2 - Injections: Code List. Page updated: April 2024. O. Table of Injections (continued). Drug. CPT ...

- Example: vincristine

> Authorization > Referral > Service Code/Formulary and Medical Supplies Inquiry

Classification
Medical Procedure

Code or Description (Press Enter key to search)
vincristine

Search

Search Results - Service Code/Formulary and Medical Supplies Inquiry

Display: 25 (Range 1-1000) records per page Filter the records:

| Service Code | Service Description | Service Type |
|--------------|--|-------------------|
| > 02026(I) | VINCRISTINE SUL(VCR-1MG 10MG/ACTOSE VIAL | Medical Procedure |
| > 02027(I) | VINCRISTINE(VCR)5MG 50MG LACTOSE VIAL | Medical Procedure |
| > J9370(I) | VINCRISTINE SULFATE, 1 MG | Medical Procedure |
| > J9371(I) | INJ, VINCRISTINE SUL LIP 1MG | Medical Procedure |
| > J9375(I) | VINCRISTINE SULFATE 2 MG/2 ML (2 M | Medical Procedure |
| > X7570(I) | VINCRISTINE(VCR)5MG 50MG LACTOSE VIAL | Medical Procedure |
| > X7572(I) | VINCRISTINE SUL(VCR-1MG 10MG/ACTOSE VIAL | Medical Procedure |

- As can be seen with the vincristine, depending on the formulation of the product, different HCPCS codes and unit values associated with each HCPCS code exist.

II. Calculation examples

A. Vincristine: HCPCS J9370

| | | |
|---|----------|---------------------------|
| > | J9370(I) | VINCRISTINE SULFATE, 1 MG |
|---|----------|---------------------------|

- Each unit of vincristine equals 1 mg.
- Hypothetical situation using vincristine:
 - Induction dose of 3 mg weekly for 4 weeks then,
 - 3 mg weekly x 4 weeks = 12 mg for induction= 12 units (1mg=1 unit)
 - 3 mg every 4 weeks for 3 doses (12 weeks)
 - 3 mg every 4 weeks x 3 = 9 mg for 12 weeks= 9 units
 - Total vincristine dose: 21 mg
 - Total vincristine unit: 21 units

B. Cytarabine: HCPCS J9100

| | | |
|---|----------|-------------------|
| > | J9100(I) | CYTARABINE 100 MG |
|---|----------|-------------------|

- Each unit of cytarabine equals 100 mg.
- Hypothetical situation using cytarabine:
 - Induction: 50 mg every 14 days (2 weeks) x 2 doses (week 1 and 3) then,
 - 50 mg x 2 = 100 mg = 1 unit
 - 50 mg every 28 days (4 weeks) x 4 doses
 - 50 mg x 4 = 200 mg = 2 units
 - Total cytarabine dose: 300 mg
 - Total cytarabine unit: 3 units

C. Additional consideration when calculating units for SAR approval

- Vial size and how the product is supplied must be considered. For example, if the total dose/unit needed come up to be 3 and ½ vials, 4 vials must be approved for single use or PF vials which means the total units used (4 vials) instead of the total units needed must be approved. See above example on Novoseven.
 - Example: Novoseven [Blood and Blood Derivatives \(blood\) \(ca.gov\)](#)

| | | | |
|-------|--|----------------------------------|----------------|
| J7189 | Factor VIIa (antihemophilic factor, recombinant), per mcg* | NovoSeven® *, NovoSeven® RT * | Not Applicable |
|-------|--|----------------------------------|----------------|

Part 2 – Blood and Blood Derivatives

- Each unit equals 1 mcg.
 - Hypothetical situation: Hematology Clinic wants to administer Novoseven HCPCS J7189, 1000mcg per week for 20 weeks.
 - Total dose: 20,000 mcg (1000 mcg x 20)
 - Total unit: 20,000 units
 - Novoseven is available as a single use vial and comes in: [NovoSeven Coagulation Factor VIIa \(Recombinant\) \(fda.gov\)](#) from this package insert, search under “How supplied”
 - 1.2 mg per vial (1200 µg/vial)
 - 2.4 mg per vial (2400 µg/vial)
 - 4.8 mg per vial (4800 µg/vial)
 - For a total dose of 20,000 mcg (20,000 units), 24,000 mcg (units) must be approved since Novoseven come in a single use vials only.
- III. JW modifier for claims on all biologics
- This is not required at the time of SAR approval. It applies to providers when they are submitting for reimbursement to separate used versus discarded quantities.
 - It may be a good idea to alert the providers of this process.
 - [Modifiers \(modif\) \(ca.gov\)](#)
- IV. Resource Links
- [Drug Approvals and Databases | FDA](#)
 - [Drugs@FDA: FDA-Approved Drugs](#) OR simply search on any of the FDA websites for drug related materials such as package inserts.



[Home](#) / [Drug Databases](#) / [Drugs@FDA](#)

Drugs@FDA: FDA-Approved Drugs

- [Pharmacy Provider Manual | Medi-Cal Providers](#) OR simply search from the website

