

## Centers for Medicare & Medicaid Services Proposes Medicare Hospital Outpatient Payment Rates and Policies for CY 2021

On December 2, the Centers for Medicare & Medicaid Services (CMS) released a <u>final rule</u> with a comment period updating Medicare payment rates and policies under the hospital outpatient prospective payment system (OPPS) and the ambulatory surgical center payment system for calendar year 2021. The final rule (1) updates payment policies and rates for CY 2021; and (2) establishes the payment rate for the blood not otherwise classified (NOC) HCPCS code P9099. The final rule is effective on January 1, 2021. Comments on the payment rates and classifications for HCPCS codes are due January 4, 2021.

## Payment Policies and Rates for Transfusion Medicine and Cellular Therapies

As detailed in the Tables below, CMS finalized 2021 payment rates and policies for all items and services furnished under OPPS, including blood products, transfusion, apheresis, stem cell procedures, and transfusion laboratory services. For 2021, CMS reduced payments for each unit of platelets (P9019), irradiated apheresis platelets (P9036), Infusion, plasma protein fraction (human), 5%, 50 ml (P9043), cryoprecipitate reduced plasma (P9044), cmv-negative irradiated apheresis platelets (P9053) and irradiated blood (P9056). Additionally, CMS reassigned P9100, the code for "pathogen test for platelets," from New Technology APC 1494 to clinical APC 5732 with a payment rate of \$33.84.

## Payment Policy for Blood Not Otherwise Classified (NOC) P9099 Code

On January 1, 2020, CMS established a new HCPCS code P9099 to enable providers to report unclassified blood products. In the proposed rule, CMS recognized the concerns raised by the blood community that the status indicator initially assigned to P9099, "E2" (Not payable by Medicare when submitted on an outpatient claim) for CY 2020 was problematic since hospitals would not receive payment when they used unclassified blood products and claim lines billed with P9099 would be rejected by Medicare, preventing providers from tracking the utilization of unclassified blood products.

AABB, America's Blood Centers, and the American Red Cross supported CMS's proposal to assign P9099 a status indicator of "N" which would allow providers to report the cost of unclassified blood products. Unfortunately, CMS finalized a proposal to make P9099 separately payable, assigning it a status indicator of "R" and the payment rate equal to the lowest paid separately payable blood product in the OPPS, which is P9043 (Infusion, plasma protein fraction [human], 5 percent, 50 ml), with a payment rate of \$7.79 per unit. CMS indicated that this change aligns with the OPPS policy to pay not otherwise classified codes at the lowest available ambulatory payment classification (APC) rate for a service category, while providing a payment when a service is reported. Additionally, the agency stated that this proposal would maintain incentives for manufacturers to establish individual HCPCS codes for new blood products in a timely manner.

## Clinical Laboratory Date of Service (DOS) Policy

All Medicare claims for laboratory services must include the date of service (DOS), which impacts billing and payment requirements. In 2018, CMS finalized an exception to the DOS policy, which would require a performing laboratory to bill Medicare directly for advanced diagnostic laboratory tests (ADLTs) and molecular pathology tests provided to beneficiaries furnished services under the OPPS when certain requirements are satisfied.



CMS finalized excluding cancer-related protein-based Multianalyte Assays with Algorithmic Analysis (MAAAs), which are not generally performed in the hospital outpatient setting, from the OPPS packaging policy, instead adding them to laboratory date-of-service (DOS) provisions. This change allows for Medicare to pay for cancer-related protein-based MAAAs under the Clinical Laboratory Fee Schedule (CLFS) instead of the OPPS, and the performing laboratory will bill Medicare directly for the test if the test meets all the laboratory DOS requirements.

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AABB will be submitting comments to CMS on the payment policy finalized for P9099. If you have any feedback that you would like for AABB to consider or if you have any questions on the proposed rule, please email <a href="mailto:advocacy@aabb.org">advocacy@aabb.org</a>.



| Table 1. Blood and Blood Products |                              |            |   |             |                                  |                               |                               |                              |  |  |  |
|-----------------------------------|------------------------------|------------|---|-------------|----------------------------------|-------------------------------|-------------------------------|------------------------------|--|--|--|
| HCPCS<br>Code                     | Short Descriptor             | 2021<br>SI | 2020<br>APC   | 2021<br>APC | Final<br>2020<br>Payment<br>Rate | Final 2021<br>Payment<br>Rate | \$<br>Change<br>2020-<br>2021 | %<br>Change<br>2020-<br>2021 |  |  |  |
| P9010                             | Whole blood for transfusion  | R          | 9510  | 9510        | \$124.46                         | \$150.14                      | \$25.68                       | 21%                          |  |  |  |
| P9011                             | Blood split unit             | R          | 9520  | 9520        | \$131.58                         | \$147.58                      | \$16.00                       | 12%                          |  |  |  |
| P9012                             | Cryoprecipitate each unit    | R          | 9511  | 9511        | \$49.35                          | \$79.85                       | \$30.50                       | 62%                          |  |  |  |
| P9016                             | Rbc leukocytes reduced       | R          | 9512  | 9512        | \$184.29                         | \$188.51                      | \$4.22                        | 2%                           |  |  |  |
| P9017                             | Plasma 1 donor frz w/in 8 hr | R          | 9508  | 9508        | \$81.94                          | \$82.66                       | \$0.72                        | 1%                           |  |  |  |
| P9019                             | Platelets, each unit         | R          | 9515  | 9515        | \$105.71                         | \$71.29                       | -\$34.42                      | -33%                         |  |  |  |
| P9020                             | Platelet rich plasma unit    | R          | 9516  | 9516        | \$138.19                         | \$200.00                      | \$61.81                       | 45%                          |  |  |  |
| P9021                             | Red blood cells unit         | R          | 9517  | 9517        | \$136.75                         | \$137.63                      | \$0.88                        | 1%                           |  |  |  |
| P9022                             | Washed red blood cells unit  | R          | 9518  | 9518        | \$371.54                         | \$379.86                      | \$8.32                        | 2%                           |  |  |  |
| P9023                             | Frozen plasma, pooled, sd    | R          | 9509  | 9509        | \$78.41                          | \$89.15                       | \$10.74                       | 14%                          |  |  |  |
| P9031                             | Platelets leukocytes reduced | R          | 9526  | 9526        | \$123.63                         | \$149.92                      | \$26.29                       | 21%                          |  |  |  |
| P9032                             | Platelets, irradiated        | R          | 9500  | 9500        | \$136.64                         | \$141.69                      | \$5.05                        | 4%                           |  |  |  |
| P9033                             | Platelets leukoreduced irrad | R          | 9521  | 9521        | \$212.44                         | \$213.19                      | \$0.75                        | 0%                           |  |  |  |
| P9034                             | Platelets, pheresis          | R          | 9507  | 9507        | \$317.04                         | \$323.99                      | \$6.95                        | 2%                           |  |  |  |
| P9035                             | Platelet pheres leukoreduced | R          | 9501  | 9501        | \$488.84                         | \$486.80                      | -\$2.04                       | 0%                           |  |  |  |
| P9036                             | Platelet pheresis irradiated | R          | 9502  | 9502        | \$677.45                         | \$604.89                      | -\$72.56                      | -11%                         |  |  |  |
| P9037                             | Plate pheres leukoredu irrad | R          | 9530  | 9530        | \$621.01                         | \$617.33                      | -\$3.68                       | -1%                          |  |  |  |
| P9038                             | Rbc irradiated               | R          | 9505  | 9505        | \$186.71                         | \$169.31                      | -\$17.40                      | -9%                          |  |  |  |
| P9039                             | Rbc deglycerolized           | R          | 9504  | 9504        | \$313.54                         | \$436.65                      | \$123.11                      | 39%                          |  |  |  |
| P9040                             | Rbc leukoreduced irradiated  | R          | 9522  | 9522        | \$257.10                         | \$260.55                      | \$3.45                        | 1%                           |  |  |  |
| P9043                             | Plasma protein fract,5%,50ml | R          | 9514  | 9514        | \$18.04                          | \$7.99                        | -\$10.05                      | -56%                         |  |  |  |
| P9044                             | Cryoprecipitatereducedplasma | R          | 9523  | 9523        | \$89.44                          | \$65.70                       | -\$23.74                      | -27%                         |  |  |  |
| P9048                             | Plasmaprotein fract,5%,250ml | R          | 9519  | 9519        | \$109.29                         | \$160.34                      | \$51.05                       | 47%                          |  |  |  |
| P9050                             | Granulocytes, pheresis unit  | E2         | Not paid by Medicare when submitted on outpatient claims (ar outpatient bill type). |             |                                  |                               |                               |                              |  |  |  |
| P9051                             | Blood, l/r, cmv-neg          | R          | 9524  | 9524        | \$184.05                         | \$212.23                      | \$28.18                       | 15%                          |  |  |  |
| P9052                             | Platelets, hla-m, l/r, unit  | R          | 9525  | 9525        | \$835.99                         | \$805.18                      | -\$30.81                      | -4%                          |  |  |  |
| P9053                             | Plt, pher, l/r cmv-neg, irr  | R          | 9531  | 9531        | \$491.41                         | \$447.31                      | -\$44.10                      | -9%                          |  |  |  |
| P9054                             | Blood, l/r, froz/degly/wash  | R          | 9527  | 9527        | \$275.05                         | \$310.70                      | \$35.65                       | 13%                          |  |  |  |
| P9055                             | Plt, aph/pher, 1/r, cmv-neg  | R          | 9528  | 9528        | \$474.71                         | \$480.04                      | \$5.33                        | 1%                           |  |  |  |
| P9056                             | Blood, l/r, irradiated       | R          | 9529  | 9529        | \$198.94                         | \$154.16                      | -\$44.78                      | -23%                         |  |  |  |
| P9057                             | Rbc, frz/deg/wsh, l/r, irrad | R          | 9532  | 9532        | \$236.43                         | \$260.59                      | \$24.16                       | 10%                          |  |  |  |
| P9058                             | Rbc, l/r, cmv-neg, irrad     | R          | 9533  | 9533        | \$241.48                         | \$243.87                      | \$2.39                        | 1%                           |  |  |  |
| P9059                             | Plasma, frz between 8-24hour | R          | 9513  | 9513        | \$74.27                          | \$71.15                       | -\$3.12                       | -4%                          |  |  |  |
| P9060                             | Fr frz plasma donor retested | R          | 9503  | 9503        | \$48.91                          | \$65.08                       | \$16.17                       | 33%                          |  |  |  |



| Table 1. Blood and Blood Products |                              |   |      |           |          |          |          |     |  |  |
|-----------------------------------|------------------------------|---|------|-----------|----------|----------|----------|-----|--|--|
|                                   | Pathogen reduced plasma      |   |      |           |          |          |          |     |  |  |
| P9070                             | pool                         | R | 9534 | 9534      | \$31.60  | \$53.10  | \$21.50  | 68% |  |  |
| P9071                             | Pathogen reduced plasma sing | R | 9535 | 9535      | \$78.38  | \$122.82 | \$44.44  | 57% |  |  |
| P9073                             | Platelets pheresis path redu | R | 9536 | 9536      | \$598.81 | \$583.87 | -\$14.94 | -2% |  |  |
| P9099                             | Blood component/product noc  | N | New  | code in C | CY2020.  | \$7.99   | -        | 1   |  |  |



| Table 2. Transfusion, Apheresis, and Stem Cell Procedures |                               |            |             |             |                               |  |                     |                              |  |
|---|-------------------------------|------------|-------------|-------------|-------------------------------|--|---------------------|------------------------------|--|
| HCPCS<br>Code   | Short Descriptor              | 2021<br>SI | 2020<br>APC | 2021<br>APC | Final 2020<br>Payment<br>Rate | Proposed<br>CY 2021<br>Payment<br>Rate | \$ Change 2020-2021 | %<br>Change<br>2020-<br>2021 |  |
| 36430   | Blood transfusion service     | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 36440   | Bl push transfuse 2 yr/<      | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 36450   | Bl exchange/transfuse nb      | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 36455   | Bl exchange/transfuse non-nb  | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 36456   | Prtl exchange transfuse nb    | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 36460   | Transfusion service fetal     | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 36511   | Apheresis wbc                 | S          | 5242        | 5242        | \$1,323.47                    | \$1,363.16                             | \$59.84             | 3%                           |  |
| 36512   | Apheresis rbc                 | S          | 5242        | 5242        | \$1,323.47                    | \$1,363.16                             | \$59.84             | 3%                           |  |
| 36513   | Apheresis platelets           | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$13.73             | 2%                           |  |
| 36514   | Apheresis plasma              | S          | 5242        | 5242        | \$1,323.47                    | \$1,363.16                             | \$59.84             | 3%                           |  |
| 36516   | Apheresis immunoads slctv     | S          | 5243        | 5243        | \$3,817.93                    | \$4,037.71                             | \$256.88            | 6%                           |  |
| 36522   | Photopheresis                 | S          | 5243        | 5243        | \$3,817.93                    | \$4,037.71                             | \$256.88            | 6%                           |  |
| 38205   | Harvest allogeneic stem cell  | В          |             |             | Not paid                      | under OPPS                             |                     |                              |  |
| 38206   | Harvest auto stem cells       | S          | 5242        | 5242        | \$1,323.47                    | \$1,363.16                             | \$39.69             | 3%                           |  |
| 38207   | Cryopreserve stem cells       | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 38208   | Thaw preserved stem cells     | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 38209   | Wash harvest stem cells       | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 38210   | T-cell depletion of harvest   | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 38211   | Tumor cell deplete of harvest | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 38212   | Rbc depletion of harvest      | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 38213   | Platelet deplete of harvest   | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 38214   | Volume deplete of harvest     | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 38215   | Harvest stem cell concentrate | S          | 5241        | 5241        | \$388.00                      | \$397.06                               | \$9.06              | 2%                           |  |
| 38220   | Dx bone marrow aspirations    | J1         | 5072        | 5072        | \$1,372.45                    | \$1,407.00                             | \$34.55             | 3%                           |  |
| 38221   | Dx bone marrow biopsies       | J1         | 5072        | 5072        | \$1,372.45                    | \$1,407.00                             | \$34.55             | 3%                           |  |
| 38222   | Dx bone marrow bx & aspir     | J1         | 5072        | 5073        | \$2,318.63                    | \$2,370.01                             | \$51.38             | 2%                           |  |
| 38230   | Bone marrow harvest allogen   | S          | 5242        | 5242        | \$1,323.47                    | \$1,363.16                             | \$39.69             | 3%                           |  |
| 38232   | Bone marrow harvest autolog   | S          | 5243        | 5243        | \$3,817.93                    | \$4,037.71                             | \$219.78            | 6%                           |  |
| 38240   | Transplt allo hct/donor       | J1         | 5244        | 5244        | \$37,431.71                   | \$31,838.13                            | -\$5,593.58         | -15%                         |  |
| 38241   | Transplt autol hct/donor      | S          | 5242        | 5242        | \$1,323.47                    | \$1,363.16                             | \$39.69             | 3%                           |  |
| 38242   | Transplt allo lymphocytes     | S          | 5242        | 5242        | \$1,323.47                    | \$1,363.16                             | \$39.69             | 3%                           |  |
| 38243   | Transplj hematopoietic boost  | S          | 5242        | 5242        | \$1,323.47                    | \$1,363.16                             | \$39.69             | 3%                           |  |
| 88184   | Flowcytometry/ tc 1 marker    | Q2         | 5673        | 5673        | \$283.37                      | \$291.26                               | \$7.89              | 3%                           |  |



| Table 2. Transfusion, Apheresis, and Stem Cell Procedures           |                           |   |  |  |  |  |  |
|---|---------------------------|---|--|--|--|--|--|
| Paid under OPPS; payment is packaged into payment for other service |                           |   |  |  |  |  |  |
| 88185   | Flowcytometry/tc add-on   | N | Therefore, there is no separate APC payment. |  |  |  |  |
| 88187   | Flowcytometry/read 2-8    | В | Not paid under OPPS.                         |  |  |  |  |
| 88188   | Flowcytometry/read 9-15   | В | Not paid under OPPS.                         |  |  |  |  |
| 88189   | Flowcytometry/read 16 & > | В | Not paid under OPPS.                         |  |  |  |  |



|               | Table 3. Transfusion Laboratory Services |            |             |             |                       |                                     |                        |                              |  |  |  |
|---------------|--|------------|-------------|-------------|-----------------------|-------------------------------------|------------------------|------------------------------|--|--|--|
| HCPCS<br>Code | Short Descriptor                         | 2021<br>SI | 2020<br>APC | 2021<br>APC | Final 2020<br>Payment | Final CY<br>2021<br>Payment<br>Rate | \$ Change<br>2020-2021 | %<br>Change<br>2020-<br>2021 |  |  |  |
| 86850         | Rbc antibody screen                      | Q1         | 5671        | 5671        | \$49.46               | \$49.76                             | \$0.30                 | 1%                           |  |  |  |
| 86860         | Rbc antibody elution                     | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86870         | Rbc antibody identification              | Q2         | 5673        | 5673        | \$283.37              | \$291.26                            | \$7.89                 | 3%                           |  |  |  |
| 86880         | Coombs test direct                       | Q1         | 5732        | 5733        | \$33.43               | \$55.66                             | \$22.23                | 66%                          |  |  |  |
| 86885         | Coombs test indirect qual                | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86886         | Coombs test indirect titer               | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86890         | Autologous blood process                 | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86891         | Autologous blood op salvage              | Q1         | 5674        | 5674        | \$628.13              | \$656.15                            | \$28.02                | 4%                           |  |  |  |
| 86900         | Blood typing serologic abo               | Q1         | 5734        | 5734        | \$109.02              | \$111.95                            | \$2.93                 | 3%                           |  |  |  |
| 86901         | Blood typing serologic rh(d)             | Q1         | 5732        | 5732        | \$33.43               | \$33.84                             | \$0.41                 | 1%                           |  |  |  |
| 86902         | Blood type antigen donor ea              | Q1         | 5673        | 5673        | \$283.37              | \$291.26                            | \$7.89                 | 3%                           |  |  |  |
| 86904         | Blood typing patient serum               | Q1         | 5732        | 5732        | \$33.43               | \$33.84                             | \$0.41                 | 1%                           |  |  |  |
| 86905         | Blood typing rbc antigens                | Q1         | 5673        | 5673        | \$283.37              | \$291.26                            | \$7.89                 | 3%                           |  |  |  |
| 86906         | Bld typing serologic rh phnt             | Q1         | 5732        | 5732        | \$33.43               | \$33.84                             | \$0.41                 | 1%                           |  |  |  |
| 86920         | Compatibility test spin                  | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86921         | Compatibility test incubate              | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86922         | Compatibility test antiglob              | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86923         | Compatibility test electric              | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86927         | Plasma fresh frozen                      | S          | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86930         | Frozen blood prep                        | Q1         | 5673        | 5673        | \$283.37              | \$291.26                            | \$7.89                 | 3%                           |  |  |  |
| 86931         | Frozen blood thaw                        | Q1         | 5673        | 5673        | \$283.37              | \$291.26                            | \$7.89                 | 3%                           |  |  |  |
| 86932         | Frozen blood freeze/thaw                 | Q1         | 5732        | 5732        | \$33.43               | \$33.84                             | \$0.41                 | 1%                           |  |  |  |
| 86945         | Blood product/irradiation                | Q1         | 5732        | 5732        | \$33.43               | \$33.84                             | \$0.41                 | 1%                           |  |  |  |
| 86950         | Leukocyte transfusion                    | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86960         | Vol reduction of blood/prod              | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86965         | Pooling blood platelets                  | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86970         | Rbc pretx incubatj<br>w/chemical         | Q1         | 5732        | 5732        | \$33.43               | \$33.84                             | \$0.41                 | 1%                           |  |  |  |
| 86971         | Rbc pretx incubatj<br>w/enzymes          | Q1         | 5673        | 5673        | \$283.37              | \$291.26                            | \$7.89                 | 3%                           |  |  |  |
| 86972         | Rbc pretx incubatj w/density             | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 0.6075        | Rbc serum pretx incubj                   | 0.1        | 5724        |             | Ф100.00               | Ф070.00                             | φ1.c1. <b>Q</b> Q      | 1.4007                       |  |  |  |
| 86975         | drugs                                    | Q1         | 5734        | 5735        | \$109.02              | \$270.22                            | \$161.20               | 148%                         |  |  |  |
| 86976         | Rbc serum pretx id dilution              | Q1         | 5731        | 5731        | \$22.98               | \$24.67                             | \$1.69                 | 7%                           |  |  |  |
| 86977         | Rbc serum pretx incubj/inhib             | Q1         | 5672        | 5672        | \$143.48              | \$149.16                            | \$5.68                 | 4%                           |  |  |  |
| 86978         | Rbc pretreatment serum                   | Q1         | 5732        | 5732        | \$33.43               | \$33.84                             | \$0.41                 | 1%                           |  |  |  |



|       | Table 3. Transfusion Laboratory Services |    |      |      |               |               |              |     |  |  |  |
|-------|--|----|------|------|---------------|---------------|--------------|-----|--|--|--|
| 86985 | Split blood or products                  | Q1 | 5672 | 5672 | \$143.48      | \$149.16      | \$5.68       | 4%  |  |  |  |
| 86999 | Transfusion procedure                    | Q1 | 5731 | 5731 | \$22.98       | \$24.67       | \$1.69       | 7%  |  |  |  |
| P9100 | Pathogen test for platelets              | S  | 1494 | 5732 | \$35.50       | \$33.84       | -\$1.66      | -5% |  |  |  |
| Q2041 | Axicabtagene ciloleucel car+             | G  | 9035 | 9035 | \$395,380.000 | \$395,380.000 | \$0.00       | 0%  |  |  |  |
| Q2042 | Tisagenlecleucel car-pos t               | G  | 9194 | 9194 | \$441,508.391 | \$429,813.310 | -\$11,695.08 | -3% |  |  |  |