



ND

Medical Policies



Print

Policy Number:

S-89

Policy Name: Non-Spinal Bone Growth Stimulation

Policy Type: Medical

Policy Subtype: Surgery

Effective Date: 09-15-2025

End Date: 11-02-2025

Description

Bone growth stimulation is also known as osteogenesis stimulation and is used when the body's healing process fails to heal bone injuries. The bone growth stimulation device stimulates the natural healing process of the bone by sending low-level pulses of electromagnetic energy to the injury site.

Policy Application

All claims submitted under this policy's section will be processed according to the policy effective date and associated revision effective dates in effect on the date of service.

Criteria

Coverage is subject to the specific terms of the member's benefit plan.

Both invasive and noninvasive non-spinal electrical bone growth stimulation may be considered medically necessary in the treatment of a non-united fracture. A non-united fracture is defined as a fracture that has not healed within a minimum of three (3) months of the original fracture.

Noninvasive, non-spinal electrical bone growth stimulation may be considered medically necessary as a treatment of nonunion fracture in the appendicular skeleton (the appendicular skeleton includes the bones of the shoulder girdle, upper extremities, pelvis and lower extremities). The diagnosis of fracture nonunion must meet **ALL** of the following criteria:

- At least three (3) months have passed since the date of the fracture; **and**
- Serial radiographs have confirmed that no progressive signs of healing have occurred; **and**
- The fracture gap is one (1) centimeter or less; **and**
- The individual can be adequately immobilized and is of an age likely to comply with non-weight bearing for fractures of the pelvis and lower extremities.

Noninvasive, non-spinal electrical bone growth stimulation may be considered medically necessary as a treatment of congenital pseudoarthrosis in the appendicular skeleton.

Noninvasive, non-spinal electrical bone growth stimulation may be considered medically necessary as a treatment of failed fusion of the appendicular skeleton when a minimum of nine (9) months has elapsed since the last surgical intervention.

Non-spinal Electrical Bone Growth Stimulation (EBGS) not meeting the criteria as indicated in this policy is considered not medically necessary.

When the doctor reports electrical stimulation, the claim should be processed under the appropriate code for electrical stimulation. Use of the device is included in the doctor's global allowance for the electrical stimulation (i.e., no separate payment can be made for the device).

However, if the individual employs the stimulator at home, rental or purchase of the device may be eligible for payment. In this instance, any charges reported by the doctor for electrical stimulation should be denied as not medically necessary.

Procedure Codes

20974	20975	E0747	E0749
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Professional Statements and Societal Positions Guidelines

Not Applicable

Diagnosis Codes

M84.30XK	M84.311K	M84.312K	M84.319K	M84.321K	M84.322K	M84.329K
M84.331K	M84.332K	M84.333K	M84.334K	M84.339K	M84.341K	M84.342K
M84.343K	M84.344K	M84.345K	M84.346K	M84.350K	M84.351K	M84.352K
M84.353K	M84.359K	M84.361K	M84.362K	M84.363K	M84.364K	M84.369K
M84.371K	M84.372K	M84.373K	M84.374K	M84.375K	M84.376K	M84.377K
M84.378K	M84.379K	M84.38XK	M96.0	Q74.0	Q74.1	Q74.2
Q74.8	Q74.9	Q85.01	S32.301K	S32.302K	S32.309K	S32.311K
S32.312K	S32.313K	S32.314K	S32.315K	S32.316K	S32.391K	S32.392K
S32.399K	S32.401K	S32.402K	S32.409K	S32.411K	S32.412K	S32.413K

S32.414K	S32.415K	S32.416K	S32.421K	S32.422K	S32.423K	S32.424K
S32.425K	S32.426K	S32.431K	S32.432K	S32.433K	S32.434K	S32.435K
S32.436K	S32.441K	S32.442K	S32.443K	S32.444K	S32.445K	S32.446K
S32.451K	S32.452K	S32.453K	S32.454K	S32.455K	S32.456K	S32.461K
S32.462K	S32.463K	S32.464K	S32.465K	S32.466K	S32.471K	S32.472K
S32.473K	S32.474K	S32.475K	S32.476K	S32.481K	S32.482K	S32.483K
S32.484K	S32.485K	S32.486K	S32.491K	S32.492K	S32.499K	S32.501K
S32.502K	S32.509K	S32.511K	S32.512K	S32.519K	S32.591K	S32.592K
S32.599K	S32.601K	S32.602K	S32.609K	S32.611K	S32.612K	S32.613K
S32.614K	S32.615K	S32.616K	S32.691K	S32.692K	S32.699K	S32.810K
S32.811K	S32.82XK	S32.89XK	S42.001K	S42.002K	S42.009K	S42.011K
S42.012K	S42.013K	S42.014K	S42.015K	S42.016K	S42.017K	S42.018K
S42.019K	S42.021K	S42.022K	S42.023K	S42.024K	S42.025K	S42.026K
S42.031K	S42.032K	S42.033K	S42.034K	S42.035K	S42.036K	S42.101K
S42.102K	S42.109K	S42.111K	S42.112K	S42.113K	S42.114K	S42.115K
S42.116K	S42.121K	S42.122K	S42.123K	S42.124K	S42.125K	S42.126K
S42.131K	S42.132K	S42.133K	S42.134K	S42.135K	S42.136K	S42.141K
S42.142K	S42.143K	S42.144K	S42.145K	S42.146K	S42.151K	S42.152K
S42.153K	S42.154K	S42.155K	S42.156K	S42.191K	S42.192K	S42.199K
S42.201K	S42.202K	S42.209K	S42.211K	S42.212K	S42.213K	S42.214K
S42.215K	S42.216K	S42.221K	S42.222K	S42.223K	S42.224K	S42.225K
S42.226K	S42.231K	S42.232K	S42.239K	S42.241K	S42.242K	S42.249K
S42.251K	S42.252K	S42.253K	S42.254K	S42.255K	S42.256K	S42.261K
S42.262K	S42.263K	S42.264K	S42.265K	S42.266K	S42.271K	S42.272K

S42.279K	S42.291K	S42.292K	S42.293K	S42.294K	S42.295K	S42.296K
S42.301K	S42.302K	S42.309K	S42.311K	S42.312K	S42.319K	S42.321K
S42.322K	S42.323K	S42.324K	S42.325K	S42.326K	S42.331K	S42.332K
S42.333K	S42.334K	S42.335K	S42.336K	S42.341K	S42.342K	S42.343K
S42.344K	S42.345K	S42.346K	S42.351K	S42.352K	S42.353K	S42.354K
S42.355K	S42.356K	S42.361K	S42.362K	S42.363K	S42.364K	S42.365K
S42.366K	S42.391K	S42.392K	S42.399K	S42.401K	S42.402K	S42.409K
S42.411K	S42.412K	S42.413K	S42.414K	S42.415K	S42.416K	S42.421K
S42.422K	S42.423K	S42.424K	S42.425K	S42.426K	S42.431K	S42.432K
S42.433K	S42.434K	S42.435K	S42.436K	S42.441K	S42.442K	S42.443K
S42.444K	S42.445K	S42.446K	S42.447K	S42.448K	S42.449K	S42.451K
S42.452K	S42.453K	S42.454K	S42.455K	S42.456K	S42.461K	S42.462K
S42.463K	S42.464K	S42.465K	S42.466K	S42.471K	S42.472K	S42.473K
S42.474K	S42.475K	S42.476K	S42.481K	S42.482K	S42.489K	S42.491K
S42.492K	S42.493K	S42.494K	S42.495K	S42.496K	S42.90XK	S42.91XK
S42.92XK	S49.001K	S49.002K	S49.009K	S49.011K	S49.012K	S49.019K
S49.021K	S49.022K	S49.029K	S49.031K	S49.032K	S49.039K	S49.041K
S49.042K	S49.049K	S49.091K	S49.092K	S49.099K	S49.101K	S49.102K
S49.109K	S49.111K	S49.112K	S49.119K	S49.121K	S49.122K	S49.129K
S49.131K	S49.132K	S49.139K	S49.141K	S49.142K	S49.149K	S49.191K
S49.192K	S49.199K	S52.001K	S52.001M	S52.001N	S52.002K	S52.002M
S52.002N	S52.009K	S52.009M	S52.009N	S52.011K	S52.012K	S52.019K
S52.021K	S52.021M	S52.021N	S52.022K	S52.022M	S52.022N	S52.023K
S52.023M	S52.023N	S52.024K	S52.024M	S52.024N	S52.025K	S52.025M

S52.025N	S52.026K	S52.026M	S52.026N	S52.031K	S52.031M	S52.031N
S52.032K	S52.032M	S52.032N	S52.033K	S52.033M	S52.033N	S52.034K
S52.034M	S52.034N	S52.035K	S52.035M	S52.035N	S52.036K	S52.036M
S52.036N	S52.041K	S52.041M	S52.041N	S52.042K	S52.042M	S52.042N
S52.043K	S52.043M	S52.043N	S52.044K	S52.044M	S52.044N	S52.045K
S52.045M	S52.045N	S52.046K	S52.046M	S52.046N	S52.091K	S52.091M
S52.091N	S52.092K	S52.092M	S52.092N	S52.099K	S52.099M	S52.099N
S52.101K	S52.101M	S52.101N	S52.102K	S52.102M	S52.102N	S52.109K
S52.109M	S52.109N	S52.111K	S52.112K	S52.119K	S52.121K	S52.121M
S52.121N	S52.122K	S52.122M	S52.122N	S52.123K	S52.123M	S52.123N
S52.124K	S52.124M	S52.124N	S52.125K	S52.125M	S52.125N	S52.126K
S52.126M	S52.126N	S52.131K	S52.131M	S52.131N	S52.132K	S52.132M
S52.132N	S52.133K	S52.133M	S52.133N	S52.134K	S52.134M	S52.134N
S52.135K	S52.135M	S52.135N	S52.136K	S52.136M	S52.136N	S52.181K
S52.181M	S52.181N	S52.182K	S52.182M	S52.182N	S52.189K	S52.189M
S52.189N	S52.201K	S52.201M	S52.201N	S52.202K	S52.202M	S52.202N
S52.209K	S52.209M	S52.209N	S52.211K	S52.212K	S52.219K	S52.221K
S52.221M	S52.221N	S52.222K	S52.222M	S52.222N	S52.223K	S52.223M
S52.223N	S52.224K	S52.224M	S52.224N	S52.225K	S52.225M	S52.225N
S52.226K	S52.226M	S52.226N	S52.231K	S52.231M	S52.231N	S52.232K
S52.232M	S52.232N	S52.233K	S52.233M	S52.233N	S52.234K	S52.234M
S52.234N	S52.235K	S52.235M	S52.235N	S52.236K	S52.236M	S52.236N
S52.241K	S52.241M	S52.241N	S52.242K	S52.242M	S52.242N	S52.243K
S52.243M	S52.243N	S52.244K	S52.244M	S52.244N	S52.245K	S52.245M

S52.245N	S52.246K	S52.246M	S52.246N	S52.251K	S52.251M	S52.251N
S52.252K	S52.252M	S52.252N	S52.253K	S52.253M	S52.253N	S52.254K
S52.254M	S52.254N	S52.255K	S52.255M	S52.255N	S52.256K	S52.256M
S52.256N	S52.261K	S52.261M	S52.261N	S52.262K	S52.262M	S52.262N
S52.263K	S52.263M	S52.263N	S52.264K	S52.264M	S52.264N	S52.265K
S52.265M	S52.265N	S52.266K	S52.266M	S52.266N	S52.271K	S52.271M
S52.271N	S52.272K	S52.272M	S52.272N	S52.279K	S52.279M	S52.279N
S52.281K	S52.281M	S52.281N	S52.282K	S52.282M	S52.282N	S52.283K
S52.283M	S52.283N	S52.291K	S52.291M	S52.291N	S52.292K	S52.292M
S52.292N	S52.299K	S52.299M	S52.299N	S52.301K	S52.301M	S52.301N
S52.302K	S52.302M	S52.302N	S52.309K	S52.309M	S52.309N	S52.311K
S52.312K	S52.319K	S52.321K	S52.321M	S52.321N	S52.322K	S52.322M
S52.322N	S52.323K	S52.323M	S52.323N	S52.324K	S52.324M	S52.324N
S52.325K	S52.325M	S52.325N	S52.326K	S52.326M	S52.326N	S52.331K
S52.331M	S52.331N	S52.332K	S52.332M	S52.332N	S52.333K	S52.333M
S52.333N	S52.334K	S52.334M	S52.334N	S52.335K	S52.335M	S52.335N
S52.336K	S52.336M	S52.336N	S52.341K	S52.341M	S52.341N	S52.342K
S52.342M	S52.342N	S52.343K	S52.343M	S52.343N	S52.344K	S52.344M
S52.344N	S52.345K	S52.345M	S52.345N	S52.346K	S52.346M	S52.346N
S52.292N	S52.299K	S52.299M	S52.299N	S52.301K	S52.301M	S52.301N
S52.302K	S52.302M	S52.302N	S52.309K	S52.309M	S52.309N	S52.311K
S52.312K	S52.319K	S52.321K	S52.321M	S52.321N	S52.322K	S52.322M
S52.322N	S52.323K	S52.323M	S52.323N	S52.324K	S52.324M	S52.324N
S52.325K	S52.325M	S52.325N	S52.326K	S52.326M	S52.326N	S52.331K

S52.331M	S52.331N	S52.332K	S52.332M	S52.332N	S52.333K	S52.333M
S52.333N	S52.334K	S52.334M	S52.334N	S52.335K	S52.335M	S52.335N
S52.336K	S52.336M	S52.336N	S52.341K	S52.341M	S52.341N	S52.342K
S52.342M	S52.342N	S52.343K	S52.343M	S52.343N	S52.344K	S52.344M
S52.344N	S52.345K	S52.345M	S52.345N	S52.346K	S52.346M	S52.346N
S52.351K	S52.351M	S52.351N	S52.352K	S52.352M	S52.352N	S52.353K
S52.353M	S52.353N	S52.354K	S52.354M	S52.354N	S52.355K	S52.355M
S52.355N	S52.356K	S52.356M	S52.356N	S52.361K	S52.361M	S52.361N
S52.362K	S52.362M	S52.362N	S52.363K	S52.363M	S52.363N	S52.364K
S52.364M	S52.364N	S52.365K	S52.365M	S52.365N	S52.366K	S52.366M
S52.366N	S52.371K	S52.371M	S52.371N	S52.372K	S52.372M	S52.372N
S52.379K	S52.379M	S52.379N	S52.381K	S52.381M	S52.381N	S52.382K
S52.382M	S52.382N	S52.389K	S52.389M	S52.389N	S52.391K	S52.391M
S52.391N	S52.392K	S52.392M	S52.392N	S52.399K	S52.399M	S52.399N
S52.501K	S52.501M	S52.501N	S52.502K	S52.502M	S52.502N	S52.509K
S52.509M	S52.509N	S52.511K	S52.511M	S52.511N	S52.512K	S52.512M
S52.512N	S52.513K	S52.513M	S52.513N	S52.514K	S52.514M	S52.514N
S52.515K	S52.515M	S52.515N	S52.516K	S52.516M	S52.516N	S52.521K
S52.522K	S52.529K	S52.531K	S52.531M	S52.531N	S52.532K	S52.532M
S52.532N	S52.539K	S52.539M	S52.539N	S52.541K	S52.541M	S52.541N
S52.542K	S52.542M	S52.542N	S52.549K	S52.549M	S52.549N	S52.551K
S52.551M	S52.551N	S52.552K	S52.552M	S52.552N	S52.559K	S52.559M
S52.559N	S52.561K	S52.561M	S52.561N	S52.562K	S52.562M	S52.562N
S52.569K	S52.569M	S52.569N	S52.571K	S52.571M	S52.571N	S52.572K

S52.572M	S52.572N	S52.579K	S52.579M	S52.579N	S52.591K	S52.591M
S52.591N	S52.592K	S52.592M	S52.592N	S52.599K	S52.599M	S52.599N
S52.601K	S52.601M	S52.601N	S52.602K	S52.602M	S52.602N	S52.609K
S52.609M	S52.609N	S52.611K	S52.611M	S52.611N	S52.612K	S52.612M
S52.612N	S52.613K	S52.613M	S52.613N	S52.614K	S52.614M	S52.614N
S52.615K	S52.615M	S52.615N	S52.616K	S52.616M	S52.616N	S52.621K
S52.622K	S52.629K	S52.691K	S52.691M	S52.691N	S52.692K	S52.692M
S52.692N	S52.699K	S52.699M	S52.699N	S52.90XK	S52.90XM	S52.90XN
S52.91XK	S52.91XM	S52.91XN	S52.92XK	S52.92XM	S52.92XN	S59.001K
S59.002K	S59.009K	S59.011K	S59.012K	S59.019K	S59.021K	S59.022K
S59.029K	S59.031K	S59.032K	S59.039K	S59.041K	S59.042K	S59.049K
S59.091K	S59.092K	S59.099K	S59.101K	S59.102K	S59.109K	S59.111K
S59.112K	S59.119K	S59.121K	S59.122K	S59.129K	S59.131K	S59.132K
S59.139K	S59.141K	S59.142K	S59.149K	S59.191K	S59.192K	S59.199K
S59.201K	S59.202K	S59.209K	S59.211K	S59.212K	S59.219K	S59.221K
S59.222K	S59.229K	S59.231K	S59.232K	S59.239K	S59.241K	S59.242K
S59.249K	S59.291K	S59.292K	S59.299K	S62.001K	S62.002K	S62.009K
S62.011K	S62.012K	S62.013K	S62.014K	S62.015K	S62.016K	S62.021K
S62.022K	S62.023K	S62.024K	S62.025K	S62.026K	S62.031K	S62.032K
S62.033K	S62.034K	S62.035K	S62.036K	S62.101K	S62.102K	S62.109K
S62.111K	S62.112K	S62.113K	S62.114K	S62.115K	S62.116K	S62.121K
S62.122K	S62.123K	S62.124K	S62.125K	S62.126K	S62.131K	S62.132K
S62.133K	S62.134K	S62.135K	S62.136K	S62.141K	S62.142K	S62.143K
S62.144K	S62.145K	S62.146K	S62.151K	S62.152K	S62.153K	S62.154K

S62.155K	S62.156K	S62.161K	S62.162K	S62.163K	S62.164K	S62.165K
S62.166K	S62.171K	S62.172K	S62.173K	S62.174K	S62.175K	S62.176K
S62.181K	S62.182K	S62.183K	S62.184K	S62.185K	S62.186K	S62.201K
S62.202K	S62.209K	S62.211K	S62.212K	S62.213K	S62.221K	S62.222K
S62.223K	S62.224K	S62.225K	S62.226K	S62.231K	S62.232K	S62.233K
S62.234K	S62.235K	S62.236K	S62.241K	S62.242K	S62.243K	S62.244K
S62.245K	S62.246K	S62.251K	S62.252K	S62.253K	S62.254K	S62.255K
S62.256K	S62.291K	S62.292K	S62.299K	S62.300K	S62.301K	S62.302K
S62.303K	S62.304K	S62.305K	S62.306K	S62.307K	S62.308K	S62.309K
S62.310K	S62.311K	S62.312K	S62.313K	S62.314K	S62.315K	S62.316K
S62.317K	S62.318K	S62.319K	S62.320K	S62.321K	S62.322K	S62.323K
S62.324K	S62.325K	S62.326K	S62.327K	S62.328K	S62.329K	S62.330K
S62.331K	S62.332K	S62.333K	S62.334K	S62.335K	S62.336K	S62.337K
S62.338K	S62.339K	S62.340K	S62.341K	S62.342K	S62.343K	S62.344K
S62.345K	S62.346K	S62.347K	S62.348K	S62.349K	S62.350K	S62.351K
S62.352K	S62.353K	S62.354K	S62.355K	S62.356K	S62.357K	S62.358K
S62.359K	S62.360K	S62.361K	S62.362K	S62.363K	S62.364K	S62.365K
S62.366K	S62.367K	S62.368K	S62.369K	S62.390K	S62.391K	S62.392K
S62.393K	S62.394K	S62.395K	S62.396K	S62.397K	S62.398K	S62.399K
S62.501K	S62.502K	S62.509K	S62.511K	S62.512K	S62.513K	S62.514K
S62.515K	S62.516K	S62.521K	S62.522K	S62.523K	S62.524K	S62.525K
S62.526K	S62.600K	S62.601K	S62.602K	S62.603K	S62.604K	S62.605K
S62.606K	S62.607K	S62.608K	S62.609K	S62.610K	S62.611K	S62.612K
S62.613K	S62.614K	S62.615K	S62.616K	S62.617K	S62.618K	S62.619K

S62.620K	S62.621K	S62.622K	S62.623K	S62.624K	S62.625K	S62.626K
S62.627K	S62.628K	S62.629K	S62.630K	S62.631K	S62.632K	S62.633K
S62.634K	S62.635K	S62.636K	S62.637K	S62.638K	S62.639K	S62.640K
S62.641K	S62.642K	S62.643K	S62.644K	S62.645K	S62.646K	S62.647K
S62.648K	S62.649K	S62.650K	S62.651K	S62.652K	S62.653K	S62.654K
S62.655K	S62.656K	S62.657K	S62.658K	S62.659K	S62.660K	S62.661K
S62.662K	S62.663K	S62.664K	S62.665K	S62.666K	S62.667K	S62.668K
S62.669K	S62.90XK	S62.91XK	S62.92XK	S72.001K	S72.001M	S72.001N
S72.002K	S72.002M	S72.002N	S72.009K	S72.009M	S72.009N	S72.011K
S72.011M	S72.011N	S72.012K	S72.012M	S72.012N	S72.019K	S72.019M
S72.019N	S72.021K	S72.021M	S72.021N	S72.022K	S72.022M	S72.022N
S72.023K	S72.023M	S72.023N	S72.024K	S72.024M	S72.024N	S72.025K
S72.025M	S72.025N	S72.026K	S72.026M	S72.026N	S72.031K	S72.031M
S72.031N	S72.032K	S72.032M	S72.032N	S72.033K	S72.033M	S72.033N
S72.034K	S72.034M	S72.034N	S72.035K	S72.035M	S72.035N	S72.036K
S72.036M	S72.036N	S72.041K	S72.041M	S72.041N	S72.042K	S72.042M
S72.042N	S72.043K	S72.043M	S72.043N	S72.044K	S72.044M	S72.044N
S72.045K	S72.045M	S72.045N	S72.046K	S72.046M	S72.046N	S72.051K
S72.051M	S72.051N	S72.052K	S72.052M	S72.052N	S72.059K	S72.059M
S72.059N	S72.061K	S72.061M	S72.061N	S72.062K	S72.062M	S72.062N
S72.063K	S72.063M	S72.063N	S72.064K	S72.064M	S72.064N	S72.065K
S72.065M	S72.065N	S72.066K	S72.066M	S72.066N	S72.091K	S72.091M
S72.091N	S72.092K	S72.092M	S72.092N	S72.099K	S72.099M	S72.099N
S72.101K	S72.101M	S72.101N	S72.102K	S72.102M	S72.102N	S72.109K

S72.109M	S72.109N	S72.111K	S72.111M	S72.111N	S72.112K	S72.112M
S72.112N	S72.113K	S72.113M	S72.113N	S72.114K	S72.114M	S72.114N
S72.115K	S72.115M	S72.115N	S72.116K	S72.116M	S72.116N	S72.121K
S72.121M	S72.121N	S72.122K	S72.122M	S72.122N	S72.123K	S72.123M
S72.123N	S72.124K	S72.124M	S72.124N	S72.125K	S72.125M	S72.125N
S72.126K	S72.126M	S72.126N	S72.131K	S72.131M	S72.131N	S72.132K
S72.132M	S72.132N	S72.133K	S72.133M	S72.133N	S72.134K	S72.134M
S72.134N	S72.135K	S72.135M	S72.135N	S72.136K	S72.136M	S72.136N
S72.141K	S72.141M	S72.141N	S72.142K	S72.142M	S72.142N	S72.143K
S72.143M	S72.143N	S72.144K	S72.144M	S72.144N	S72.145K	S72.145M
S72.145N	S72.146K	S72.146M	S72.146N	S72.21XK	S72.21XM	S72.21XN
S72.22XK	S72.22XM	S72.22XN	S72.23XK	S72.23XM	S72.23XN	S72.24XK
S72.24XM	S72.24XN	S72.25XK	S72.25XM	S72.25XN	S72.26XK	S72.26XM
S72.26XN	S72.301K	S72.301M	S72.301N	S72.302K	S72.302M	S72.302N
S72.309K	S72.309M	S72.309N	S72.321K	S72.321M	S72.321N	S72.322K
S72.322M	S72.322N	S72.323K	S72.323M	S72.323N	S72.324K	S72.324M
S72.324N	S72.325K	S72.325M	S72.325N	S72.326K	S72.326M	S72.326N
S72.331K	S72.331M	S72.331N	S72.332K	S72.332M	S72.332N	S72.333K
S72.333M	S72.333N	S72.334K	S72.334M	S72.334N	S72.335K	S72.335M
S72.335N	S72.336K	S72.336M	S72.336N	S72.341K	S72.341M	S72.341N
S72.342K	S72.342M	S72.342N	S72.343K	S72.343M	S72.343N	S72.344K
S72.344M	S72.344N	S72.345K	S72.345M	S72.345N	S72.346K	S72.346M
S72.346N	S72.351K	S72.351M	S72.351N	S72.352K	S72.352M	S72.352N
S72.353K	S72.353M	S72.353N	S72.354K	S72.354M	S72.354N	S72.355K

S72.355M	S72.355N	S72.356K	S72.356M	S72.356N	S72.361K	S72.361M
S72.361N	S72.362K	S72.362M	S72.362N	S72.363K	S72.363M	S72.363N
S72.364K	S72.364M	S72.364N	S72.365K	S72.365M	S72.365N	S72.366K
S72.366M	S72.366N	S72.391K	S72.391M	S72.391N	S72.392K	S72.392M
S72.392N	S72.399K	S72.399M	S72.399N	S72.401K	S72.401M	S72.401N
S72.402K	S72.402M	S72.402N	S72.409K	S72.409M	S72.409N	S72.411K
S72.411M	S72.411N	S72.412K	S72.412M	S72.412N	S72.413K	S72.413M
S72.413N	S72.414K	S72.414M	S72.414N	S72.415K	S72.415M	S72.415N
S72.416K	S72.416M	S72.416N	S72.421K	S72.421M	S72.421N	S72.422K
S72.422M	S72.422N	S72.423K	S72.423M	S72.423N	S72.424K	S72.424M
S72.424N	S72.425K	S72.425M	S72.425N	S72.426K	S72.426M	S72.426N
S72.431K	S72.431M	S72.431N	S72.432K	S72.432M	S72.432N	S72.433K
S72.433M	S72.433N	S72.434K	S72.434M	S72.434N	S72.435K	S72.435M
S72.435N	S72.436K	S72.436M	S72.436N	S72.441K	S72.441M	S72.441N
S72.442K	S72.442M	S72.442N	S72.443K	S72.443M	S72.443N	S72.444K
S72.444M	S72.444N	S72.445K	S72.445M	S72.445N	S72.446K	S72.446M
S72.446N	S72.451K	S72.451M	S72.451N	S72.452K	S72.452M	S72.452N
S72.453K	S72.453M	S72.453N	S72.454K	S72.454M	S72.454N	S72.455K
S72.455M	S72.455N	S72.456K	S72.456M	S72.456N	S72.461K	S72.461M
S72.461N	S72.462K	S72.462M	S72.462N	S72.463K	S72.463M	S72.463N
S72.464K	S72.464M	S72.464N	S72.465K	S72.465M	S72.465N	S72.466K
S72.466M	S72.466N	S72.471K	S72.472K	S72.479K	S72.491K	S72.491M
S72.491N	S72.492K	S72.492M	S72.492N	S72.499K	S72.499M	S72.499N
S72.8X1K	S72.8X1M	S72.8X1N	S72.8X2K	S72.8X2M	S72.8X2N	S72.8X9K

S72.8X9M	S72.8X9N	S72.90XK	S72.90XM	S72.90XN	S72.91XK	S72.91XM
S72.91XN	S72.92XK	S72.92XM	S72.92XN	S79.001K	S79.002K	S79.009K
S79.011K	S79.012K	S79.019K	S79.091K	S79.092K	S79.099K	S79.101K
S79.102K	S79.109K	S79.111K	S79.112K	S79.119K	S79.121K	S79.122K
S79.129K	S79.131K	S79.132K	S79.139K	S79.141K	S79.142K	S79.149K
S79.191K	S79.192K	S79.199K	S82.001K	S82.001M	S82.001N	S82.002K
S82.002M	S82.002N	S82.009K	S82.009M	S82.009N	S82.011K	S82.011M
S82.011N	S82.012K	S82.012M	S82.012N	S82.013K	S82.013M	S82.013N
S82.014K	S82.014M	S82.014N	S82.015K	S82.015M	S82.015N	S82.016K
S82.016M	S82.016N	S82.021K	S82.021M	S82.021N	S82.022K	S82.022M
S82.022N	S82.023K	S82.023M	S82.023N	S82.024K	S82.024M	S82.024N
S82.025K	S82.025M	S82.025N	S82.026K	S82.026M	S82.026N	S82.031K
S82.031M	S82.031N	S82.032K	S82.032M	S82.032N	S82.033K	S82.033M
S82.033N	S82.034K	S82.034M	S82.034N	S82.035K	S82.035M	S82.035N
S82.036K	S82.036M	S82.036N	S82.041K	S82.041M	S82.041N	S82.042K
S82.042M	S82.042N	S82.043K	S82.043M	S82.043N	S82.044K	S82.044M
S82.044N	S82.045K	S82.045M	S82.045N	S82.046K	S82.046M	S82.046N
S82.091K	S82.091M	S82.091N	S82.092K	S82.092M	S82.092N	S82.099K
S82.099M	S82.099N	S82.101K	S82.101M	S82.101N	S82.102K	S82.102M
S82.102N	S82.109K	S82.109M	S82.109N	S82.111K	S82.111M	S82.111N
S82.112K	S82.112M	S82.112N	S82.113K	S82.113M	S82.113N	S82.114K
S82.114M	S82.114N	S82.115K	S82.115M	S82.115N	S82.116K	S82.116M
S82.116N	S82.121K	S82.121M	S82.121N	S82.122K	S82.122M	S82.122N
S82.123K	S82.123M	S82.123N	S82.124K	S82.124M	S82.124N	S82.125K

S82.125M	S82.125N	S82.126K	S82.126M	S82.126N	S82.131K	S82.131M
S82.131N	S82.132K	S82.132M	S82.132N	S82.133K	S82.133M	S82.133N
S82.134K	S82.134M	S82.134N	S82.135K	S82.135M	S82.135N	S82.136K
S82.136M	S82.136N	S82.141K	S82.141M	S82.141N	S82.142K	S82.142M
S82.142N	S82.143K	S82.143M	S82.143N	S82.144K	S82.144M	S82.144N
S82.145K	S82.145M	S82.145N	S82.146K	S82.146M	S82.146N	S82.151K
S82.151M	S82.151N	S82.152K	S82.152M	S82.152N	S82.153K	S82.153M
S82.153N	S82.154K	S82.154M	S82.154N	S82.155K	S82.155M	S82.155N
S82.156K	S82.156M	S82.156N	S82.161K	S82.162K	S82.169K	S82.191K
S82.191M	S82.191N	S82.192K	S82.192M	S82.192N	S82.199K	S82.199M
S82.199N	S82.201K	S82.201M	S82.201N	S82.202K	S82.202M	S82.202N
S82.209K	S82.209M	S82.209N	S82.221K	S82.221M	S82.221N	S82.222K
S82.222M	S82.222N	S82.223K	S82.223M	S82.223N	S82.224K	S82.224M
S82.224N	S82.225K	S82.225M	S82.225N	S82.226K	S82.226M	S82.226N
S82.231K	S82.231M	S82.231N	S82.232K	S82.232M	S82.232N	S82.233K
S82.233M	S82.233N	S82.234K	S82.234M	S82.234N	S82.235K	S82.235M
S82.235N	S82.236K	S82.236M	S82.236N	S82.241K	S82.241M	S82.241N
S82.242K	S82.242M	S82.242N	S82.243K	S82.243M	S82.243N	S82.244K
S82.244M	S82.244N	S82.245K	S82.245M	S82.245N	S82.246K	S82.246M
S82.246N	S82.251K	S82.251M	S82.251N	S82.252K	S82.252M	S82.252N
S82.253K	S82.253M	S82.253N	S82.254K	S82.254M	S82.254N	S82.255K
S82.255M	S82.255N	S82.256K	S82.256M	S82.256N	S82.261K	S82.261M
S82.261N	S82.262K	S82.262M	S82.262N	S82.263K	S82.263M	S82.263N
S82.264K	S82.264M	S82.264N	S82.265K	S82.265M	S82.265N	S82.266K

S82.266M	S82.266N	S82.291K	S82.291M	S82.291N	S82.292K	S82.292M
S82.292N	S82.299K	S82.299M	S82.299N	S82.301K	S82.301M	S82.301N
S82.302K	S82.302M	S82.302N	S82.309K	S82.309M	S82.309N	S82.311K
S82.312K	S82.319K	S82.391K	S82.391M	S82.391N	S82.392K	S82.392M
S82.392N	S82.399K	S82.399M	S82.399N	S82.401K	S82.401M	S82.401N
S82.402K	S82.402M	S82.402N	S82.409K	S82.409M	S82.409N	S82.421K
S82.421M	S82.421N	S82.422K	S82.422M	S82.422N	S82.423K	S82.423M
S82.423N	S82.424K	S82.424M	S82.424N	S82.425K	S82.425M	S82.425N
S82.426K	S82.426M	S82.426N	S82.431K	S82.431M	S82.431N	S82.432K
S82.432M	S82.432N	S82.433K	S82.433M	S82.433N	S82.434K	S82.434M
S82.434N	S82.435K	S82.435M	S82.435N	S82.436K	S82.436M	S82.436N
S82.441K	S82.441M	S82.441N	S82.442K	S82.442M	S82.442N	S82.443K
S82.443M	S82.443N	S82.444K	S82.444M	S82.444N	S82.445K	S82.445M
S82.445N	S82.446K	S82.446M	S82.446N	S82.451K	S82.451M	S82.451N
S82.452K	S82.452M	S82.452N	S82.453K	S82.453M	S82.453N	S82.454K
S82.454M	S82.454N	S82.455K	S82.455M	S82.455N	S82.456K	S82.456M
S82.456N	S82.461K	S82.461M	S82.461N	S82.462K	S82.462M	S82.462N
S82.463K	S82.463M	S82.463N	S82.464K	S82.464M	S82.464N	S82.465K
S82.465M	S82.465N	S82.466K	S82.466M	S82.466N	S82.491K	S82.491M
S82.491N	S82.492K	S82.492M	S82.492N	S82.499K	S82.499M	S82.499N
S82.51XK	S82.51XM	S82.51XN	S82.52XK	S82.52XM	S82.52XN	S82.53XK
S82.53XM	S82.53XN	S82.54XK	S82.54XM	S82.54XN	S82.55XK	S82.55XM
S82.55XN	S82.56XK	S82.56XM	S82.56XN	S82.61XK	S82.61XM	S82.61XN
S82.62XK	S82.62XM	S82.62XN	S82.63XK	S82.63XM	S82.63XN	S82.64XK

S82.64XM	S82.64XN	S82.65XK	S82.65XM	S82.65XN	S82.66XK	S82.66XM
S82.66XN	S82.811K	S82.812K	S82.819K	S82.821K	S82.822K	S82.829K
S82.831K	S82.831M	S82.831N	S82.832K	S82.832M	S82.832N	S82.839K
S82.839M	S82.839N	S82.841K	S82.841M	S82.841N	S82.842K	S82.842M
S82.842N	S82.843K	S82.843M	S82.843N	S82.844K	S82.844M	S82.844N
S82.845K	S82.845M	S82.845N	S82.846K	S82.846M	S82.846N	S82.851K
S82.851M	S82.851N	S82.852K	S82.852M	S82.852N	S82.853K	S82.853M
S82.853N	S82.854K	S82.854M	S82.854N	S82.855K	S82.855M	S82.855N
S82.856K	S82.856M	S82.856N	S82.861K	S82.861M	S82.861N	S82.862K
S82.862M	S82.862N	S82.863K	S82.863M	S82.863N	S82.864K	S82.864M
S82.864N	S82.865K	S82.865M	S82.865N	S82.866K	S82.866M	S82.866N
S82.871K	S82.871M	S82.871N	S82.872K	S82.872M	S82.872N	S82.873K
S82.873M	S82.873N	S82.874K	S82.874M	S82.874N	S82.875K	S82.875M
S82.875N	S82.876K	S82.876M	S82.876N	S82.891K	S82.891M	S82.891N
S82.892K	S82.892M	S82.892N	S82.899K	S82.899M	S82.899N	S82.90XK
S82.90XM	S82.90XN	S82.91XK	S82.91XM	S82.91XN	S82.92XK	S82.92XM
S82.92XN	S89.001K	S89.002K	S89.009K	S89.011K	S89.012K	S89.019K
S89.021K	S89.022K	S89.029K	S89.031K	S89.032K	S89.039K	S89.041K
S89.042K	S89.049K	S89.091K	S89.092K	S89.099K	S89.101K	S89.102K
S89.109K	S89.111K	S89.112K	S89.119K	S89.121K	S89.122K	S89.129K
S89.131K	S89.132K	S89.139K	S89.141K	S89.142K	S89.149K	S89.191K
S89.192K	S89.199K	S89.201K	S89.202K	S89.209K	S89.211K	S89.212K
S89.219K	S89.221K	S89.222K	S89.229K	S89.291K	S89.292K	S89.299K
S89.301K	S89.302K	S89.309K	S89.311K	S89.312K	S89.319K	S89.321K

S89.322K	S89.329K	S89.391K	S89.392K	S89.399K	S92.001K	S92.002K
S92.009K	S92.011K	S92.012K	S92.013K	S92.014K	S92.015K	S92.016K
S92.021K	S92.022K	S92.023K	S92.024K	S92.025K	S92.026K	S92.031K
S92.032K	S92.033K	S92.034K	S92.035K	S92.036K	S92.041K	S92.042K
S92.043K	S92.044K	S92.045K	S92.046K	S92.051K	S92.052K	S92.053K
S92.054K	S92.055K	S92.056K	S92.061K	S92.062K	S92.063K	S92.064K
S92.065K	S92.066K	S92.101K	S92.102K	S92.109K	S92.111K	S92.112K
S92.113K	S92.114K	S92.115K	S92.116K	S92.121K	S92.122K	S92.123K
S92.124K	S92.125K	S92.126K	S92.131K	S92.132K	S92.133K	S92.134K
S92.135K	S92.136K	S92.141K	S92.142K	S92.143K	S92.144K	S92.145K
S92.146K	S92.151K	S92.152K	S92.153K	S92.154K	S92.155K	S92.156K
S92.191K	S92.192K	S92.199K	S92.201K	S92.202K	S92.209K	S92.211K
S92.212K	S92.213K	S92.214K	S92.215K	S92.216K	S92.221K	S92.222K
S92.223K	S92.224K	S92.225K	S92.226K	S92.231K	S92.232K	S92.233K
S92.234K	S92.235K	S92.236K	S92.241K	S92.242K	S92.243K	S92.244K
S92.245K	S92.246K	S92.251K	S92.252K	S92.253K	S92.254K	S92.255K
S92.256K	S92.301K	S92.302K	S92.309K	S92.311K	S92.312K	S92.313K
S92.314K	S92.315K	S92.316K	S92.321K	S92.322K	S92.323K	S92.324K
S92.325K	S92.326K	S92.331K	S92.332K	S92.333K	S92.334K	S92.335K
S92.336K	S92.341K	S92.342K	S92.343K	S92.344K	S92.345K	S92.346K
S92.351K	S92.352K	S92.353K	S92.354K	S92.355K	S92.356K	S92.401K
S92.402K	S92.403K	S92.404K	S92.405K	S92.406K	S92.411K	S92.412K
S92.413K	S92.414K	S92.415K	S92.416K	S92.421K	S92.422K	S92.423K
S92.424K	S92.425K	S92.426K	S92.491K	S92.492K	S92.499K	S92.501K

S92.502K	S92.503K	S92.504K	S92.505K	S92.506K	S92.511K	S92.512K
S92.513K	S92.514K	S92.515K	S92.516K	S92.521K	S92.522K	S92.523K
S92.524K	S92.525K	S92.526K	S92.531K	S92.532K	S92.533K	S92.534K
S92.535K	S92.536K	S92.591K	S92.592K	S92.599K	S92.811K	S92.812K
S92.819K	S92.901K	S92.902K	S92.909K	S92.911K	S92.912K	S92.919K
S99.001K	S99.002K	S99.009K	S99.011K	S99.012K	S99.019K	S99.021K
S99.022K	S99.029K	S99.031K	S99.032K	S99.039K	S99.041K	S99.042K
S99.049K	S99.091K	S99.092K	S99.099K	S99.101K	S99.102K	S99.109K
S99.111K	S99.112K	S99.119K	S99.121K	S99.122K	S99.129K	S99.131K
S99.132K	S99.139K	S99.141K	S99.142K	S99.149K	S99.191K	S99.192K
S99.199K	S99.201K	S99.202K	S99.209K	S99.211K	S99.212K	S99.219K
S99.221K	S99.222K	S99.229K	S99.231K	S99.232K	S99.239K	S99.241K
S99.242K	S99.249K	S99.291K	S99.292K	S99.299K	Z98.1	

CURRENT CODING

CPT:

20974	ELECTRICAL STIMULATION BONE HEALING NONINVASIVE	Medicaid Expansion
20975	ELECTRICAL STIMULATION BONE HEALING INVASIVE	Medicaid Expansion
20974	ELECTRICAL STIMULATION BONE HEALING NONINVASIVE	Commercial
20975	ELECTRICAL STIMULATION BONE HEALING INVASIVE	Commercial

HCPCS:

E0747	Elec osteogen stim not spine	Medicaid Expansion
E0749	Elec osteogen stim implanted	Medicaid Expansion

E0747	Elec osteogen stim not spine	Commercial
E0749	Elec osteogen stim implanted	Commercial

References

1. Clinical Trials.gov. U. S. National Institutes of Health. A prospective clinical registry to collect patient outcomes for the BIOMET® EBI bone healing system, BIOMET® OrthoPak® non-invasive bone growth stimulator system, and the BIOMET® SpinalPak® non-invasive spine fusion stimulator system.
2. InterQual® Level of Care Criteria 2022, Acute Care Adult, McKesson Health Solutions, LLC; 2022.
3. Hayes, Inc. Health Technology Assessment. *AccelStim Bone Growth Stimulator (Orthofix US LLC) for Treatment of Nonunion or Fresh Bone Fractures*. Lansdale, PA: Hayes, Inc; 12/22/2022.
4. Nicksic PJ, Donnelly DT, Hesse M, et al. Electronic bone growth stimulators for augmentation of osteogenesis in *in vitro* and *in vivo* models: A narrative review of electrical stimulation mechanisms and device specifications. *Front Bioeng Biotechnol*. 2022;10:793945.
5. Sibanda V, Anazor F, Relwani J, et al. Outcomes of the treatment of fracture non-union using combined magnetic field bone growth stimulation: Experiences from a UK trauma unit. *Cureus*. 2022;14(5):e25100.

ND Committee Review

Internal Medical Policy Committee 11-14-2019 ND has to Adopt as on ND005 list.

Internal Medical Policy Committee 1-19-2021 Updated language and removed to diagnosis codes S02.10XK and S02.63XK.

Internal Medical Policy Committee 11-23-2021 Updated criteria and diagnosis codes

Internal Medical Policy Committee 9-17-2024 Annual Review

- **Added** Policy Application

Disclaimer

Current medical policy is to be used in determining a Member's contract benefits on the date that services are rendered. Contract language, including definitions and specific inclusions/exclusions, as well as state and federal law, must be considered in determining eligibility for coverage. Members must consult their applicable benefit plans or contact a Member Services representative for specific coverage information. Likewise, medical policy, which addresses the issue(s) in any specific case, should be considered before utilizing medical opinion in adjudication. Medical technology is constantly evolving, and the Company reserves the right to review and update medical policy periodically.