## I'm not a robot



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health centersneurology center A lumbar puncture (LP) is the insertion of a needle into the spinal canal to collect and examine the fluid that surrounds the brain and spinal cord (cerebral spinal fluid). It is termed a "lumbar puncture" because the needle is
placed in the lumbar portion of the back and used to puncture, thecal puncture, the spinal canal. Other names for a lumbar puncture, the spinal canal cord. Examination of the
fluid can be crucial in diagnosing diseases such as meningitis, neurologic diseases, or effects of systemic disease on the brain and spinal fluid. An LP can also be done to treat diseases, and as a way of administering antibiotics, cancer drugs, or anesthetic agents into the spinal canal. Spinal fluid is sometimes removed by LP for the purpose of
decreasing spinal fluid pressure in patients with uncommon conditions (such as, normal-pressure hydrocephalus and benign intracranial hypertension, for example). Sometimes a lumbar puncture is performed in patients with migraines to assure that no other underlying pathology exists. Patients typically lie on their side for the procedure. Less often,
the procedure is performed while the patient is sitting up and leaning slightly forward. After local anesthesia is injected into the spinal canal. (The needle is most commonly placed between the third and fourth lumbar vertebrae.) Spinal fluid
pressure can then be measured and cerebrospinal fluid (CSF) removed for testing. The CSF circulates around the brain and spinal cord (central nervous system). This "water bath" acts as a support of buoyancy for the brain and spinal cord (central nervous system).
various substances, such as protein and sugar (glucose), and few if any cells. The spinal fluid also has a normal values for spinal fluid examination are as follows: Protein (15-60 mg/dl) Glucose (50-80 mg/dl) Glucose (5
or disease of the brain, spinal cord, or adjacent tissues. The values are routinely evaluated during examination of the spinal fluid obtained from the lumbar puncture. Additionally, spinal fluid is tested for infection in the microbiology laboratory. A health care professional will usually review and interpret the test results with the patient. These results
often will need to be evaluated in relation to other blood and radiologic test results. Spinal fluid obtained from the lumbar puncture can be used to diagnose many important diseases such as bleeding around the brain; increased pressure from hydrocephalus; inflammation of the brain, spinal cord, or adjacent tissues (encephalitis, meningitis); tumors
of the brain or spinal cord, etc. Sometimes spinal fluid can indicate diseases of the immune system, such as multiple sclerosis. When spinal fluid leak, brain herniation, bleeding, and infection. Each of these complications are uncommon with the exception of headache,
which can appear from hours to up to a day after a lumbar puncture. Up to 25% of patients will get headaches occur less frequently when the procedure. Headaches occur less frequently when the procedure after the procedure. The benefits of the LP depend upon the exact situation for which it is performed, but a lumbar puncture can provide
lifesaving information. Lower Back Pain: Symptoms, Stretches, Exercise for Pain Relief See Slideshow Medically Reviewed on 4/25/2025 Kasper, D.L., et al., eds. Harrison's Principles of Internal Medicine, 19th Ed. United States: McGraw-Hill Education, 2015. Spinal tap, pe sili ona lauiloa o Lumbar Tusitusiga, o se togafitiga fa'afoma'i e faia i luga o le
lumbar region o le tui. Ole Spinal Tap e faia e su'esu'e ai fa'ama'i po'o fa'afitauli o le neura e pei ole Meningitis, Epilepsy, Guillain-Barre syndrome, ma Multiple Sclerosis. E mafai fo'i ona tu'uina atu e tu'u
lea e aofia ai ponaivi vertebral, intervertebral, intervertebral, intervertebral, intervertebral, intervertebral, intervertebral discs, ligaments, neura, toto toto, ma maso. E fa'ai'u i le lumbar spin, ma ona fa'ai'uga o neura o totoe e lala atu i le pito o le alavai. O a tala fa'atusa e feso'ota'i ma Spinal Tap? O talafatu:
Spinal Tap e matua tiga lava. Talu ai o le fa'aofiina o nila i le fa
Spinal Tap e mafai ona pe ai se tagata. O se manatu sese masani lea. Ole Spinal Tap e faia ile tusa ma le 5 inisi i lalo ole mea e muta ai le taula'au, ma fa'aitiitia ai le avanoa e fa'aleagaina ai neura. O le Spinal Tap o lo'o fa'atinoina i se
si'osi'omaga saogalemu ma fa'amama. E matua fa'aeteete e fa'amama mea uma. O le mea lea, ole Spinal Tap e le mafua ai le tiga ulu. 25 mai le 100 mataupu e mafai ona o'o i le tiga o le ulu pe a uma le Spinal Tap. E masani lava e le fa'alavelave ma fa'ato'a i ni nai itula. Ua iloa e tagata su'esu'e o le
ogaoga o le ulu e fa'alagolago tele i le tele o le nila fa'aaoga. Talafatu: Spinal Tap e mafua ai le tele o le toto. Pe a gau se tama'i a'a toto i le taimi o lenei faiga, e ono mafua ai ona itiiti le toto. E masani lava, e leai se togafitiga e mana'omia. O afea e Fa'atino ai Ta'otoga Tula'au? A Spinal Tap or Lumbar Tusitusiga e fa'atino ina ia fa'ate'a ai le a'afiaga o
so'o se fa'ama'i po'o isi fa'afitauli e feso'ota'i ma le va'ai po'o le fai'ai. E masani ona faia mo mafuaaga nei: E aoina ai le sua o le cerebrospinal mo su'esu'ega. E faatautaia togafitiga vaila'au, fa'ama'i, po'o isi vaila'au. E fua ai le mamafa i le fai'ai ma le va'ai. Tu'i vali i se myelography po'o mea fa'a leitio i totonu ole sua ole cerebrospinal. O
fa'amatalaga na aoina mai fa'ata'ita'iga na aoina e se Spinal Tap e fesoasoani e su'esu'e fa'ama'i e pei ole Multiple Sclerosis ma Guillain-Barre syndrome, Myelitis (flammation of spinal
cord and brain), Neurosyphilis (o se siama siama o le Central Nervous System), ma le Pseudotumor Cerebri e mafai foi ona su'esu'eina e le CSF su'esu'eina e le CSF su'esu'eina o le faiga mo a Spinal popo or Lumbar Tusitusiga. O le a le fa'aofiina o se nila manifinifi ma ga'o i totonu o le lumbar eria e aveese
ai le sua o le cerebrospinal o lo'o siomia ai le Spinal cord o lo'o siomia ai le Va'a ma le fai'ai. O le CSF a e fesoasoani i le tu'uina atu o mea'ai i le fai'ai ma le aveesea o mea leaga. O le fa'agasologa masani e faia i ni vaega se tolu. E amata lea i ni nai aso a'o le'i faia le faiga tonu. I le la'asaga lea, o le a fesiligia e lau foma'i po'o le foma'i tausi soifua
maloloina e uiga i lou tala'aga fa'afoma'i, su'esu'e fa'aletino oe, ma fautua mai nisi o su'ega toto e siaki ai so'o se fa'aletonu o le toto. O se CT scan po'o se MRI e mafai foi ona okaina. I le la'asaga lea, e ono fautuaina fo'i e lau foma'i fa'apipi'i lelei. O le
taimi lava e amata ai le faiga, e te taoto i lou itu ma ou tulivae e tosoina i lou fatafata. O le na tu'uina i lou tua e faigofie ai i le foma'i ona tu'uina se nila manifinifi ma 'ō'ō pe a ma le 5 inisi i lalo ifo o le pito o le taula'au. O le nila e
fa'atapula'a mo le itiiti ifo i le 36 itula pe a mae'a le fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau foma'i ia lava le vai ma ia fa'atapulaaina oe e lau fa'a
iai ni fa'ata'ita'iga e su'esu'e lelei ai le fa'ata'ita'iga. O nisi oi latou o: O le i ai o le sili atu ma le lima sela pa'epa'e (mononuclear leukocytes) i le microliter ole sua ole ivi ole fa'ailoga ole fa'ama'i. O le iai o se tuma po'o sela fa'aletonu i totonu o le sua o
le ivi e ta'u mai ai le kanesa. O le fa'atupula'ia o le maualuga o le porotini i totonu o le sua o le ivi e ono fa'ailoa mai ai fa'ama'i. Afai e foliga lanu piniki le sua e leai se lanu ma le ivi, e ono ta'u mai ai se toto e le masani ai. Afai e lanumeamata le sua o le tui,
e ta'u mai ai fa'ama'i pipisi. O a ni fa'alavelave e feso'ota'i ma fa'alavelave e feso'ota'i ma fa'alavelave e feso'ota'i ma ia. O nei lamatiaga e aofia ai E na'o le 25% o fa'ama'i na lipotia mai le tafe atu o le vai i
totonu ole a'amea lata ane. O se lagona o le le to'a po'o le tiga i le pito i tua e ono tupu pe a uma le fa'atinoga. O lenei tiga e mafai foi ona alu agai i vae. Ae, o lenei agavaivai e tumau mo na o ni nai itula. O se vaega itiiti o le tafe toto e ono mafua ona o le Spinal Tap, aemaise lava pe a tui e le nila o lo'o fa'aaogaina i le gaioiga so'o se alātoto. O se vaega itiiti o le tafe toto e ono mafua ona o le Spinal Tap, aemaise lava pe a tui e le nila o lo'o fa'aaogaina i le gaioiga so'o se alātoto. O se vaega itiiti o le tafe toto e ono mafua ona o le Spinal Tap, aemaise lava pe a tui e le nila o lo'o fa'aaogaina i le gaioiga so'o se alātoto.
lenei tulaga e fa'aalia i le fa'atupula'ia o le mamafa i totonu o le ulupo'o e mafua ona o se tuma o le fai'ai po'o se manu'a. Ina ia aloese mai sea tulaga, e fautuaina oe e lau foma'i e fai se CT scan po'o le MRI e iloa ai so'o se tuma. O afea e te mana'omia ai le va'ai i se foma'i? E tatau ona e siaki lau foma'i pe a e maua ni fa'aletonu e pei o nei. Fa'avavale
po'o le fa'alogoina o vae. O le tafe toto le masani i le nofoaga o tui. Le mafai ona mimi. Tuga ma faifai pea le ulu. Tusi se Tofiga ma le Foma'i tipitipi vala'au 1860-500-1066 e tusi se taimi atofaina. Ole Spinal Tap e masani lava ose faiga saogalemu lea e fa'atinoina i lalo ole va'aiga fa'apitoa ma se si'osi'omaga e matua'i mama. E itiiti lava fa'alavelave e
feso'ota'i ma lenei faiga, ma o lea, e le mana'omia se popolega. Fesili e masani ona fesiligia (FAQs) E umi le faiga ole Spinal Tap poo le Lumbar Puncture? O taualumaga mo Lumbar Tusitusiga e tumau i se mea e tusa ma le 40 i le 50 minute, e fa'atatau i le ma'i. O le a le umi e toe malosi mai ai le tui ivi? O le toe fa'aleleia mai se fa'agasologa o le
ta'oto'otoga e eseese mai lea tagata i lea tagata i lea tagata. E ono alu ni nai itula i ni nai aso mo le toe fa'aleleia. Mo le vave fa'aleleia. Mo le vave fa'aleleia, aua le faia se gaioiga mamafa. E tutusa ea le Spinal Tap ma le epidural? Leai, e le tutusa. I le faiga ole Spinal Tap, ole nila e fa'aaoga e aveese mai ai le sua ole tui. I totonu o le epidural? Leai, e tu'u i totonu se tui i totonu o se nila, ma
tu'u le paipa i le avanoa epidural i tua. Tusi se Tofiga ma le Foma'i tipitipi vala'au 1860-500-1066 e tusi se taimi atofaina. Spinal tap, or most commonly known as Lumbar Puncture, is a medical procedure that is performed on the lumbar region of the spine. The Spinal Tap is done to diagnose infections or neurological disorders like Meningitis,
Epilepsy, Guillain-Barre syndrome, and Multiple Sclerosis. It can also be administered to provide anesthetic medications or chemotherapy drugs into the cerebrospinal fluid. The lumbar region refers to the lower back area, which consists of vertebral bones, intervertebral discs, ligaments, nerves, blood vessels, and muscles. The spinal cord ends at the
lumbar spine, and its remaining nerve endings branch out towards the end of the spinal canal. What Are the Myths Associated with Spinal Tap? Myths and misconceptions about the spinal tap stem from fear and unawareness. A few of them are debunked below: Myth: Spinal Tap is extremely painful. Since the procedure of Spinal Tap includes a
needle insertion in the lower back, people almost generally associate it with pain. However, the reality is that this procedure sometimes does sting a little, but it is bearable. Myth: Spinal Tap can leave a person paralyzed. This is a common misconception. A
Spinal Tap is done at about 5 inches below the spot where the spinal cord ends, hence reducing the chances of any nerve damage. A Spinal Tap is administered in a very safe and sterilized environment. Utmost care is taken to clean everything. Thus, a Spinal
Tap will not cause infections. Myth: Spinal Tap causes headaches after a Spinal Tap causes headaches after a Spinal Tap causes excessive bleeding.
When a small blood vessel is ruptured during this procedure, it may cause minimal bleeding. Usually, no treatment is required. When Are Spinal Taps Performed? A Spinal Tap or Lumbar Puncture is performed to rule out the risk of any infections or other disorders related to the spinal cord or brain. It is usually performed for the following reasons:
To collect cerebrospinal fluid for analysis. To administer chemotherapy drugs, anesthetics, or other drugs. To measure the pressure around the brain and spinal cord. To inject dyes in a myelography or radioactive materials into the cerebrospinal fluid. The information gathered from the samples collected by a Spinal Tap help diagnose bacterial
infections, brain hemorrhage, inflammatory conditions such as Multiple Sclerosis and Guillain-Barre syndrome in the central nervous system, or unknown headaches. Conditions like Encephalitis (a brain inflammation caused by a virus), Reye syndrome, Myelitis (inflammation of spinal cord and brain), Neurosyphilis (a bacterial infection of the Central
Nervous System), and Pseudotumor Cerebri also can be diagnosis by CSF analysis through a Lumbar Puncture involves the insertion of a thin and hollow needle in the lumbar region to extract cerebrospinal fluid surrounding the Spinal cord that surrounds the
spinal cord and brain. CSF a helps in the supply of nutrients to the brain and the removal of waste products. The procedure usually takes place in three stages. This starts a few days before the actual procedure usually takes place in three stages. This starts a few days before the actual procedure.
blood tests to check for any blood clotting disorders. A CT scan or an MRI may also be ordered. In this stage, your doctor might suggest a special diet as well. The Spinal Tap is usually done in a well equipped medical facility. Once the procedure starts, you would be lying down on your side with your knees drawn towards your chest. This position
opens up the spaces between your vertebrae, making it easier for the doctor to insert the needle. Local anesthesia will be administered to your back to numb the area. A thin and hollow needle will be inserted about 5 inches below the end of the spinal cord. The needle enters the area between the two lower vertebrae (lumbar region), passes through
the spinal membrane (dura), and enters into the spinal canal. Once the needle is inserted successfully, the pressure of the cerebrospinal fluid is measured, and a small sample is collected.. This complete procedure lasts for about 50 minutes. Once the procedure is complete, you will be required to lay flat for a while. Strenuous exercise is strictly
restricted for at least 36 hours post the procedure does not restrict you from doing your daily activities though. What Are the Results of a Spinal Tap? Once the samples of the extracted cerebrospinal fluid are sent to a laboratory for examination.
There will be parameters to examine the sample appropriately. A few of them are: Presence of white blood cells (mononuclear leukocytes) per microliter of spinal fluid may be a sign of infection. The
presence of a tumor or abnormal cells in the spinal fluid may indicate inflammation in the central nervous system. Low glucose levels in the spinal fluid may indicate inflammation in the spinal fluid may in
is greenish, it indicates infections. What Are the Complications Associated with Spinal Taps? Although Spinal Tap is a relatively safe procedure, there are a few risks associated with it. These risks include Only 25% of the cases have reported headaches but these are not of concern. Headaches after a spinal tap might be due to the leakage of fluids
into the nearby tissues. A sense of discomfort or pain in the lower back region may occur after the procedure. This pain might be caused due to a Spinal Tap, especially when the needle used in the procedure punctures any blood vessels. This
condition is characterized by the increase in pressure within the skull caused due to a brain tumor or lesion. To avoid such a situation, your doctor would advise you to go through a CT scan or MRI to identify any tumors. When Do you Need to See a Doctor? You must check with your doctor if you find any anomalies like the following. Numbness or
tingling sensation in the legs. Abnormal bleeding in the injection site. Inability to urinate. Severe and persistent headaches. Book an appointment. A Spinal Tap is generally a safe procedure that is administered under expert supervision and an extremely sterile environment. There
are very few complications related to this procedure, and thus, there is no need for any concern. Frequently Asked Questions (FAQs) Does the Spinal Tap or Lumbar Puncture procedure for Lumbar Puncture lasts somewhere around 40 to 50 minutes, depending on the patient. How long does it take to recover from a spinal
tap? The recovery from a spinal tap procedure varies from person to person. It may take a couple of hours to a few days for recovery, do not the same. In the Spinal Tap procedure, a needle is used to extract spinal fluid. In an epidural, a
catheter is inserted through a needle, and the tube is left in the epidural space in the back. Book an Appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an 
diagnose infections or neurological disorders like Meningitis, Epilepsy, Guillain-Barre syndrome, and Multiple Sclerosis. It can also be administered to provide anesthetic medications or chemotherapy drugs into the cerebrospinal fluid. The lumbar region refers to the lower back area, which consists of vertebral bones, intervertebral discs, ligaments
extremely painful. Since the procedure of Spinal Tap includes a needle insertion in the lower back, people almost generally associate it with pain. However, the reality is that this procedure sometimes does sting a little, but it is bearable. Myth: Spinal Tap can
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environment. Utmost care is taken to clean everything. Thus, a Spinal Tap will not cause infections. Myth: Spinal Tap causes headaches after a Spinal Tap causes headaches after a Spinal Tap. It is usually not bothersome and resolves in a couple of hours. Researchers have found that the severity of headaches depends mostly on the
size of the needle used. Myth: Spinal Tap causes excessive bleeding. When a small blood vessel is ruptured during this procedure, it may cause minimal bleeding. Usually, no treatment is required. When a small blood vessel is ruptured during this procedure, it may cause minimal bleeding. When a small blood vessel is ruptured during this procedure, it may cause minimal bleeding. Usually, no treatment is required.
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your medical history, physically examine you, and suggest some blood tests to check for any blood clotting disorders. A CT scan or an MRI may also be ordered. In this stage, your doctor might suggest a special diet as well. The Spinal Tap is usually done in a well equipped medical facility. Once the procedure starts, you would be lying down on your
side with your knees drawn towards your chest. This position opens up the spaces between your vertebrae, making it easier for the doctor to insert the needle. Local anesthesia will be inserted about 5 inches below the end of the spinal cord. The needle enters the area
between the two lower vertebrae (lumbar region), passes through the spinal membrane (dura), and enters into the spinal membrane (dura), and enters into the spinal sample is collected. This complete procedure lasts for about 50 minutes. Once the procedure is complete, you will be
required to lay flat for a while. Strenuous exercise is strictly restricted for at least 36 hours post the procedure does not restrict you from doing your daily activities though. What Are the Results of a Spinal Tap? Once the samples of the extracted
cerebrospinal fluid are sent to a laboratory for examination. There will be parameters to examine the sample appropriately. A few of them are: Presence of white blood cells. The presence of white blood cells (mononuclear leukocytes) per microliter of spinal fluid may be a sign of infection. The presence of viruses, bacteria, and other
color, it might suggest abnormal bleeding. If the spinal Tap is a relatively safe procedure, there are a few risks associated with it. These risks include Only 25% of the cases have reported headaches but these are not of concern
Headaches after a spinal tap might be due to the leakage of fluids into the nearby tissues. A sense of discomfort or pain in the lower back region may occur after the procedure. This pain might be caused due to a Spinal Tap, especially when
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depending on the patient. How long does it take to recovery from a spinal tap? The recovery from a spinal tap procedure varies from person. It may take a couple of hours to a few days for recovery. For a speedy recovery, do not do any strenuous activity. Is a Spinal Tap the same as an epidural? No, they are not the same. In the Spinal Tap
procedure, a needle is used to extract spinal fluid. In an epidural, a catheter is inserted through a needle, and the tube is left in the epidural space in the back. Book an Appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment with Orthopaedic Surgeon Call 1860-500-1066 to book an appointment.
 horizon of our center's research. Biomarkers are biological indicators that may lead us to a prevention or cure for Alzheimer's disease, cerebrospinal fluid is the substance in which some of these biomarkers are found, and a lumbar punctures are a
common part of our research, we are met with a bit of reservation. That reservation is understandable, but we hope that by providing clear information about the procedures and answering some common questions about the procedures, we can help make lumbar punctures seem less invasive and risky. What is a lumbar puncture? A lumbar puncture
(also called a spinal tap or an LP) is a common medical procedure in which doctors remove a small sample of cerebrospinal fluid (CSF) from a person's lower back ("lumbar" region). During an LP, participants lie on their side, which allows doctors to easily access the area of the lower back where the LP will occur. Once participants are in position,
doctors use a local anesthetic to numb the area and then use a thin needle to draw out a small amount of spinal fluid. Because the anesthetic numbs the area, the LP should not be particularly uncomfortable or painful. After an LP, participants occasionally feel mildly sore as a result of staying in an unfamiliar position during the procedure. If
participants are sore after an LP, they can take a standard pain reliever like Tylenol. Are lumbar punctures and has created safety guidelines that are followed throughout the field. To read more about the safety and acceptability of lumbar punctures, please click here
Will I have a spinal headache after the LP? We have performed over 2,000 LPs at the UW ADRC and have improved the procedure to reduce discomfort and to minimize the chance of LP-related headaches. However, when they do
occur, these headaches can be quite painful. If someone gets a mild headache following an LP, we treat it with Tylenol and beverages that are high in caffeine. In the rare case of a severe headache can be avoided by following the
instructions and follow-up care provided by our physicians. What is CSF and why is it so important? CSF is a clear, colorless liquid that is in direct contact with the brain (which is not clear to us at this point). Importantly, since the CSF
interacts very closely with the brain, many researchers believe that it can provide a more direct window into changes that may be occurring there. CSF contains a variety of proteins that researchers believe that it can provide a more direct window into changes that may be occurring there.
 "preclinical" diagnosis in persons with no memory symptoms who are destined to have Alzheimer's in the future, and monitoring response to therapies. This type of monitoring will be particularly important as we try to develop new treatments. What happens to my CSF after it is collected? At the ADRC, CSF samples are kept within a collection called
the ADRC Research Repository. This repository has the largest collection of CSF samples from individuals with no memory complaints (control particularly important as a group because the collection can be studied for specific research questions related to
Alzheimer's disease. The Lumbar Puncture Myth Buster As published in Dimensions Dr. Elaine Peskind, UW Professor of Psychiatry and former director of the UW ADRC Clinical Core, reinvented the way research lumbar punctures, or spinal taps, are done, making them safer and less painful for research participants. But urban legends and myths of
pain, meningitis, and paralysis are still associated with the procedure. Dr. Peskind, who has performed more than a thousand lumbar punctures are really painful. The discomfort associated with a
lumbar puncture seems to vary from person to person. Most people report that the only painful or uncomfortable part of the procedure is a very brief sting they experience when the local anesthetic or numbing medicine is injected. This local anesthetic is similar to the one you would receive at the dentist, and it is used to prevent pain during the
lumbar puncture. As the needle for the lumbar puncture is positioned to collect spinal fluid, most people describe the feeling as a pressure sensation. In a study we did at the ADRC, we found that, overall, anxiety and pain ratings were low among the research participants who had lumbar punctures. Most people are surprised at how comfortable the
procedure is, and occasionally a person will sleep through the procedure. MYTH: There is a chance that a person could get meningitis by participating in have a lumbar puncture. People cannot develop meningitis from a lumbar puncture that is conducted properly. The worry over meningitis and lumbar punctures perhaps arose because bacterial
meningitis, which is a condition where bacteria makes its way into the spinal canal, is diagnosed by using a lumbar puncture, that person will have a bad headache afterwards. When doctors perform a lumbar puncture, they puncture a fluid-filled sac that surrounds the brain
and spinal cord. Spinal headaches occur when the spinal fluid continues to leak (under the skin) from this puncture that is conducted for medically necessary reasons, 10 to 30 percent of people develop a spinal
headache. However, for research lumbar punctures at the ADRC, we use techniques that make the headache rate much lower—less than 1 percent of our subjects report having spinal headaches. This difference is mainly caused by the gauge (thickness) of the lumbar puncture needle and the shape of the needle tip. In the ADRC research lumbar
punctures, the needle inserted into the sac has a smaller gauge and duller tip than the needles that are commonly used during medically necessary lumbar punctures. This difference means that in a research lumbar puncture at the ADRC, the tip of the research needle slides between the fibers of the sac that contains the spinal fluid rather than
cutting through it. Because those fibers are not cut and because the hole left by the needle is smaller, the puncture site seals quickly and prevents the spinal fluid from leaking out. MYTH: If the doctor sneezes while someone is undergoing the procedure, that person will become paralyzed. The spinal cord ends about five inches above the spot where
the lumbar puncture needle is inserted. Because the needle is inserted well below where the spinal cord and dangle loosely down through the lower part of the spinal cord and dangle loosely down through the spinal cord and spinal cord and dangle loosely down through the spinal cord and spinal cord and dangle loosely down through the spinal cord and spinal cord and dangle loosely down through the spinal cord and spinal cord and spinal cord and dangle loosely down through the spinal cord and 
"electric" twinge to go down the person's leg but results in no other symptoms, particularly not paralysis. This feeling usually goes away quickly, but if the twinge returns while spinal fluid is being withdrawn, our doctors will quickly readjust the needle, which usually stops this brief discomfort. A lumbar puncture (LP), which is also called a spinal tap
is a common neurological test that's done to examine the cerebrospinal fluid (CSF)—the protective fluid that surrounds your brain and spinal cord. During the procedure, a needle is carefully inserted between the bones of the lumbar spine, which is in the lower back. A small amount of CSF is typically collected so it can be studied thoroughly in a lab.
This procedure is used to help diagnose a wide variety of disorders, and it can be a treatment for certain diseases and with following the progression of some neurological disorders. A spinal tap
is commonly used to diagnose potentially life-threatening infections of the membranes around the brain and spinal cord) is the most common reason for a lumbar puncture. Meningitis causes a stiff neck, sudden high fever, severe headache, confusion, seizures, sleepiness, nausea,
vomiting, and loss of appetite. Bacterial meningitis needs to be treated promptly to prevent serious complications. Diagnosing a subarachnoid hemorrhage, which is bleeding in between the meninges, is another common reason for an LP. A computed tomography (CT) scan is normally performed first, but it may not always show the hemorrhage. When
this is the case, a lumbar puncture is usually ordered next to look for blood. This condition can lead to brain damage or death and needs to be treated as soon as possible. Other conditions that a lumbar puncture can help diagnose include: This procedure may also be done to measure the CSF pressure around the spinal cord and brain, which helps
with the diagnosis of pseudotumor cerebri, a condition that causes increased pressure around the brain. For treatment of this condition, CSF fluid is removed to decrease the pressure, and the brain. For treatment of this condition, CSF fluid is removed to decrease the pressure.
using X-ray technology to visualize the spine. Some healthcare providers prefer to use fluoroscopic guidance with a lumbar puncture include: Headache: Up to one-third of people who get a lumbar puncture will later develop a spinal headache.
due to CSF leaking from the puncture site. The more leakage there is, the more severe the headache. Bleeding into the spinal canal is rare. Infection: There is a risk of bleeding from a lumbar puncture in the area that was punctured. Bleeding into the spinal canal is rare. Infection: There's a
slight risk of developing an infection in the site, but this rarely happens. Tingling or numbness: Sometimes, the needle may brush against one of the peripheral nerves, which can cause temporary numbness or pain. If this happens, you may feel an uncomfortable but brief electric twinge that goes down your leg. Brain compression or herniation: If
there's a brain mass, such as an abscess or tumor, the pressure change caused by removing CSF can lead to dangerous shifting of brain tissue, which can cause compression or herniation of the brainstem. Usually, a CT scan or magnetic resonance imaging (MRI) scan of the brain is done prior to the procedure to rule out any mass. Despite many
people's fears, there is almost no chance of spinal cord damage or paralysis from an LP because the needle is inserted in the spinal canal well below where the spinal canal that is not near your spinal cord. Fluoroscopy is not recommended for
women who are pregnant or think they could be pregnant. Special precautions may be taken or a different kind of test may be done instead. Skin infection near the site of the lumbar punctureUncorrected bleeding disordersAcute spinal cord traumaSuspicion of increased intracranial pressure due to a mass in the brain Sometimes an LP is done as an
emergency procedure, such as when there is concern about meningitis or cancer metastasis. For conditions such as MS or chronic headaches, the procedure is usually scheduled in advance. Before your procedure, your healthcare provider will order blood tests to make sure that your blood clots as it should and that your kidneys are functioning well
You may also have a CT scan or MRI beforehand. Be sure to tell your healthcare provider if you're allergic to any medications, especially local or general anesthesia. An LP normally takes around 15 minutes, and you'll be asked to lie down for another hour or two afterward to avoid a spinal headache. The procedure can be done on an outpatient basis
at a hospital or clinic. If you're already in the hospital or emergency room, it may be performed at your bedside. You'll be given a gown to wear for this procedure and you'll be asked to take off any jewelry, piercings, or accessories that could interfere with the test. Your healthcare provider will talk to you about food and drink restrictions before the
procedure. If you will need to have general anesthesia, you will have to refrain from eating or drinking anything for several hours or more before the procedure. In an emergency situation or if you will only need to have numbing medication placed in the skin around your back, these restrictions won't apply. If you take blood-thinners like warfarin,
clopidogrel, or heparin or nonsteroidal anti-inflammatory drugs (NSAIDs) like aspirin, ibuprofen, or naproxen, you may need to stop these several days beforehand to reduce the risk of bleeding. Let your healthcare provider know about any other medications, supplements, or herbal remedies you're taking. The price of an LP can range from $400 to
$4000 or more, depending on factors like where you'll have it and what tests will be run. If you may want to check with your insurance provider to make sure and to find out about any co-pay or co-insurance for which you may be responsible. If you are going in for a scheduled test, bring your
insurance card and a form of identification with you. If you are having this test as an outpatient, you will need someone to drive you home after the procedure, so be sure to bring along a friend or family member, or arrange for a service to pick you up when you're done. A neurologist or a radiologist will perform your lumbar puncture and there may
be an assistant there as well. You may need to fill out a consent form before you have this procedure. You'll need to change out of your clothes into a gown and then lie on your side on a table or your hospital bed in a fetal position with your knees tucked up toward your chest. If you will have your CSF pressure measured, this is done while you are
lying on your side. Alternatively, you may be asked to sit on the edge of the table or bed and bend forward, leaning on something stable with your back to the healthcare provider. These positions widen the area between your lumbar bones (vertebrae), allowing for easier access. If your child is the one having the lumbar puncture, they may have
intravenous (IV) sedation at this time. The spinal tap takes about 15 minutes, plus recovery time. Your lower back will be injected into your skin to numb the area. The injection of the numbing medication can cause a sharp poke and a slight burning
sensation. Once the skin on your back is numb, the neurologist or radiologist will insert a thin, hollow needle into your skin, between two of your vertebral bones, and advance the needle through the meninges and into the thecal sac. You will need to hold very still for this. You may feel pressure or a twinge of pain or numbness down your leg when thee meninges and into the thecal sac.
needle is inserted. Sometimes the needle has to be repositioned to find the right spot. The discomfort level during an LP can vary, but it's usually mild to moderate. Once the needle is in place, what happens depends on why you're having the LP. The doctor may measure the pressure of your CSF using a gauge called a manometer. A small amount of
your CSF may be collected in test tubes to be sent to the lab. The doctor may measure the pressure of your CSF again after the fluid has been collected. The needle is removed and a bandage is placed over the puncture site. A similar procedure is used to inject chemotherapy, contrast dye for an imaging test, antibiotics, or anesthetics for surgery.
 When anesthetics are injected, it's called spinal anesthesia. During these procedures, the needle is not inserted into the meninges and remains above this procedure. You'll also be given fluids to help prevent a low-pressure headache. If you're being
discharged home, you'll be able to go home with your driver. You'll need to take it easy for the rest of the day, and it's a good idea to lie down if possible. Keep drinking water to make sure you stay hydrated. Your healthcare provider may give you more specific instructions. You may notice some back pain, numbness, or soreness that can feel like it's
radiating down your legs for a few days. If it's bothersome, but mild, try over-the-counter pain relievers such as Tylenol (acetaminophen) to help relieve the discomfort. Headaches can begin a few hours up to two days after your spinal tap. They're often minor, but sometimes they're accompanied by nausea, vomiting, dizziness, and a stiff neck. If you
experience a headache after a spinal tap, Tylenol (acetaminophen) or caffeine can help. Try lying down since being upright can make the pain worse. Sometimes the headache is severe or persists for a few days to a week after the lumbar puncture—this may mean that the needle has left a hole in your thecal sac and fluid is still leaking out. In this
case, a procedure called an epidural blood patch—in which your own blood is injected into the spinal canal—may relieve your headache persists a day or two despite treatment. If you experience numbness or tingling in your legs. If a severe headache persists a day or two despite treatment.
from the injection site If you are unable to urinate Your test results may take several days or weeks to come back, depending on the type of test that's being done. If you are having a CSF culture, the results will take days or longer. Simple test results, such as a white blood cell (WBC) count or red blood cell (RBC) count, may be available within an
hour. The CSF can be tested for: Color and clarity: CSF is normally clear with no color, like water. If it's pink, yellow, or cloudy, this may signify bleeding or inflammation. A high number of RBCs is indicative of bleeding. Elevated levels of protein can also be
other test results, as well as your symptoms, medical history, and physical exam, the information from an LP can help pinpoint a diagnosis. In cases where you have an infection is bacterial, viral, or fungal. This helps them know which treatment
you need to take. You may need additional testing to figure out the specific cause of your symptoms. For possible MS, an LP alone can't diagnose this, so you may also have an MRI. If you already had additional tests and the LP test result helped to confirm a specific diagnosis, your healthcare provider will discuss a treatment plan with you. If your
healthcare provider thinks you have leptomeningeal disease, a rare condition in which late-stage cancer has spread to the membranes around your brain and spinal cord, you will need at least three separate lumbar punctures to rule this out. Treatment may include radiation, chemotherapy, immunotherapy, and medications to help control your
symptoms. Be sure to talk to your healthcare provider about any questions or concerns you have regarding this test or your diagnosis. An LP, while uncomfortable, is not as bad as most people's fear. In most cases, the worst part is the pinch felt with the injection of the numbing medicine. While complications can occur, they are very infrequent. The
benefits of obtaining the fluid for testing usually outweigh the risks and discomfort of the procedure. Posted 5 years ago, 12 users are following. Last month I went to the hospital with a continuous headache and fever for a couple days, they wanted to check for meningitis. So I agreed to do spinal tap (guess what they call blind spinal tap, no xray
used). I didn't have a headache at first from the procedure, but about two days later they came on the back of my head. It lasted about a week or less, I was able to function with Tylenol. That's why I didn't run back to the
hospital. But now I'm learning I should have went back for a blood at first sign of headaches? Now a month later I'm left with no headache, but debilitating vertigo and motion sickness And nausea I didn't have before spinal tap. My gp thinks there's no correlation, and that if I was having a csf leak I would have an excruciating headache which I don't.
From what I researched it's very rare but one can have a leak without headache. Am I overreacting, that I want to look into to spinal tap as cause of vertigo? My worries are CSF leak or aquired chiari. I got some blood work done Friday and saw my primary and told then about this. I got
standard blood work done, results were fine, so i guess isnt something that will kill me anytime soon. Its really debillitating, I can fall. Can you have csf leak without headache? 0 likes, 18 replies A spinal tap, also known as a lumbar puncture, is a procedure in which a
sample of cerebrospinal fluid is removed through a needle inserted in the lower back. This fluid is then examined in a lab to help diagnose epilepsy, meningitis, multiple sclerosis, and other disorders. While a spinal headaches, infection, and bleeding. However, can this common procedure
cause a spinal stroke? A spinal stroke? A spinal stroke occurs when the blood supply to a section of the spinal column (subarachnoid space) in
the lower back to withdraw cerebrospinal fluid (CSF) or inject medicine. Risks CSF leak, infection, bleeding, short-term numbness of the legs or lower back pain Recovery Patients are monitored for a few hours after the procedure and are advised to rest for the remainder of the day. Can a spinal tap cause a spinal stroke? A spinal tap, or lumbar
puncture, is a procedure in which a needle is inserted between the lumbar bones in the lower back to remove cerebrospinal fluid (CSF) for testing or to inject medication. It is not known to cause a spinal stroke, However, there are several risks and side effects associated with the procedure Risks and Side Effects of a Spinal TapSpinal taps come with
certain risks that doctors must weigh against the procedure. Some of the procedure site. These headaches typically start within a day or two after the procedure but can occur later and usually last no longer than three days. Back
pain or temporary aching where the needle was placed. Risk of infection at the puncture site, although this is rare. Bleeding at the puncture site or, rarely, into the spinal canal. Temporary numbness or tingling due to the needle brushing against a peripheral nerve. In very rare cases, brain compression or herniation can occur if there is a change in
pressure caused by removing CSF when a brain mass, such as an abscess or tumor, is present. Precautions and PreparationTo minimise the risks associated with a spinal tap, patients are typically advised to: Increase their fluid intake in the days leading up to the procedure. Refrain from eating or drinking for a few hours before the procedure. Inform
their doctor if they are taking blood thinners, painkillers, or have any allergies or other medical conditions. Arrange for someone to drive them home after the procedure, as they will not be able to drive for 24 hours. The Procedure puring the spinal tap, the patient lies on their side with their knees drawn up or sits leaning forward on a stable surface.
The back is cleaned and numbed with a local anesthetic. A hollow needle is then carefully inserted between the lumbar vertebrae, and CSF is collected or medication is injected. The procedure typically takes about 15-30 minutes, followed by a recovery period. In conclusion, while a spinal tap carries some risks and side effects, it is an important
diagnostic and treatment tool for various neurological and central nervous system disorders. However, it is not known to cause a spinal stroke? A spinal stroke is a rare but dangerous condition that can lead to paralysis and even death. It occurs when there is a disruption in the blood supply to the spinal cord, which can be
caused by a blood clot (ischemic spinal stroke) or a bleed (hemorrhagic spinal stroke) or a bleed (hemorrhagic spinal stroke). This interruption in blood flow prevents the spinal cord from receiving the oxygen and nutrients it needs to function properly, resulting in damage or death of spinal tissues and cells. The spinal cord from receiving the oxygen and nutrients it needs to function properly, resulting in damage or death of spinal tissues and cells. The spinal cord from receiving the oxygen and nutrients it needs to function properly, resulting in damage or death of spinal tissues and cells.
supply involves a complex system of blood vessels, primarily the anterior spinal artery at the front of the spinal cord and the posterior spinal artery. Most spinal strokes are caused by blockages, typically blood clots, in the blood supply. These are known as ischemic spinal
strokes. However, some spinal strokes are caused by bleeds, called haemorrhagic spinal strokes account for a small percentage of all strokes are caused by bleeds, called haemorrhagic spinal strokes are caused by bleeds, ranging from 0.3% to 1.25%. The symptoms of a spinal strokes are caused by bleeds, called haemorrhagic spinal strokes are caused by bleeds, ranging from 0.3% to 1.25%. The symptoms of a spinal stroke depend on which section of the spinal strokes are caused by bleeds, called haemorrhagic spinal strokes.
paralysis. These symptoms usually appear rapidly, within minutes or hours, and tend to worsen over time. If left untreated, a spinal stroke can lead to life-altering health problems, including permanent paralysis. The risk factors for a spinal stroke can lead to life-altering health problems, including permanent paralysis. The risk factors for a spinal stroke can lead to life-altering health problems, including permanent paralysis.
excessive alcohol consumption. To diagnose a spinal stroke, a doctor will take a medical history, perform a physical examination, and may order imaging tests such as an MRI to examine the spine. Treatment options include medications to thin the blood, reduce blood clotting, and control blood pressure and cholesterol levels. What are the symptoms
of a spinal stroke? Spinal strokes are rare, accounting for only about 1% of all strokes. However, they are dangerous and life-threatening. A spinal stroke occurs due to a blockage in the spinal cord and prevent it from
communicating with the rest of the body. The symptoms of a spinal stroke may vary depending on the location of the stroke in the spine. However, some common symptoms include: Muscle weakness in the legs or hands Numbness, burning, or tingling sensations Tightness or pain in the chest Loss of temperature sensation Incontinence Full or partial
paralysis If you or someone you know is experiencing any of these symptoms, it is crucial to seek immediate medical attention. Spinal strokes can have severe consequences, and prompt treatment is necessary to improve the chances of recovery. In addition to the physical symptoms, spinal strokes can also cause long-term complications such as
muscle, joint, or nerve pain, anxiety, depression, or post-traumatic stress disorder (PTSD). It is important to be aware of both the physical and mental health impacts of spinal strokes are rare, accounting for only about 1% of all strokes, but they can be life-
threatening and lead to paralysis or even death if not treated quickly. Treatment for a spinal stroke focuses on addressing the underlying cause and reducing symptoms. Here is a detailed overview of how a spinal stroke focuses on addressing the underlying cause and reducing symptoms.
place. Blood Clots: Spinal strokes are often caused by a blockage in the blood vessels that supply blood to the spinal cord, usually due to a blood clot. To treat this, your doctor may prescribe antiplatelet or anticoagulant drugs, such as heparin or warfarin. These medications help to reduce the chance of another clot forming and can prevent further
damage to the spinal cord. High or Low Blood pressure: Blood pressure is the culprit, your doctor may prescribe medication to normalize your blood pressure is the culprit, your doctor may prescribe medication to normalize your blood pressure is the culprit, your doctor may prescribe medication to normalize your blood pressure is the culprit, your doctor may prescribe medication to normalize your blood pressure is the culprit, your doctor may prescribe medication to normalize your blood pressure is the culprit and the culprit is the culprit in the culprit in the culprit in the culprit is the culprit in the culprit 
this, corticosteroids are used to reduce the swelling, and the tumor will be surgically removed. Vascular Malformations: Bleeding into the spinal strokes. This can be addressed through medical interventions to manage bleeding and improve blood flow to the spinal strokes. This can be addressed through medical interventions to manage bleeding and improve blood flow to the spinal strokes. This can be addressed through medical interventions to manage bleeding and improve blood flow to the spinal strokes.
bulge in the wall of an artery, can also lead to a spinal stroke. Treatment options for aneurysms may include surgical repair or, in some cases, endovascular coiling, which involves placing a small coil in the aneurysm to prevent it from rupturing. Reducing Symptoms and Promoting RecoveryIn addition to treating the underlying cause, managing
symptoms and promoting recovery is a crucial aspect of treating spinal strokes. Physical and Occupational Therapy: If you experience paralysis or loss of sensation in certain body parts, physical and occupational therapy can help preserve muscle function and improve your overall physical condition. Urinary Catheter: Bladder incontinence is a common
complication of spinal strokes. Using a urinary catheter can help manage this issue and improve your quality of life. Lifestyle Changes: Quitting smoking, improving your diet, and making healthy lifestyle choices can positively impact your diet, and making healthy lifestyle choices can positively impact your diet, and making healthy lifestyle choices can positively impact your diet, and making healthy lifestyle choices can positively impact your diet, and making healthy lifestyle choices can positively impact your diet.
treatment plan for a spinal stroke may vary depending on the individual case, and it is essential to seek immediate medical attention to minimize the potential damage and improve the chances of recovery. What are the risks of a spinal tap? 
needle into the lower back to withdraw cerebrospinal fluid (CSF) or inject medicine. While the procedure is generally safe, there are a few potential complications that patients should be aware of. One of the most common risks associated with a spinal tap is a spinal headache, which occurs in approximately 10% to 20% of cases. This type of headache
typically worsens when sitting or standing and can be severe if the CSF leak continues. To alleviate spinal headaches, patients are advised to lie down as much as possible and drink plenty of fluids. In some cases, a blood patch procedure may be necessary to seal the leak and alleviate the headache. Another potential risk is infection. Although the risk
is extremely low, there is still a slight possibility due to the needle breaking the skin's surface, providing a potential entry point for bacteria. Patients should closely monitor the puncture site for any signs of infection, such as fever, severe neck stiffness, or redness, and contact their physician if any of these symptoms occur. Additionally, patients may
experience short-term numbness in the legs or lower back pain following the procedure. There is also a risk of bleeding disorders or are taking blood-thinning medications before the procedure. Other possible risks include piercing a
small blood vessel, which can cause a bloody discharge, and experiencing momentary twinges of pain if the needle brushes against nerve tissue. Overall, while a spinal tap is generally safe, patients should discuss any concerns with their healthcare provider and be aware of potential complications. Frequently asked questions No, a spinal tap, also
known as a lumbar puncture, is a procedure that involves inserting a hollow needle into the spinal column to withdraw cerebrospinal fluid or inject medicine. While there are risks associated with the procedure, such as headaches, infection, and bleeding, causing a stroke is not one of them. A spinal stroke, or spinal cord stroke,
occurs when the blood supply to a section of the spinal cord is cut off, resulting in a lack of oxygen and nutrients to the affected area. This can lead to severe back pain, limb weakness, and loss of nerve sensation, and in severe cases, paralysis and death. Symptoms of a spinal stroke include sudden and severe neck or back pain, muscle weakness in
the legs, problems controlling the bowel and bladder (incontinence), and the inability to feel heat or cold. These symptoms can appear suddenly or hours after the stroke occurs. Spinal strokes are typically caused by a blockage in the blood vessels supplying the spinal cord, often due to blood clots or narrowed arteries. Less commonly, they can be
caused by bleeding from ruptured blood vessels, known as hemorrhagic strokes. Spinal strokes are rare, accounting for only about 0.3-1% of all strokes. They are much less common than strokes that affect the brain.
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