

**Script: Treatment strikes a chord with patient Sara Groves after life-altering accident**

Video	Audio
b-roll	Sara Groves of Phoenix suffered a horrific motorcycle accident a number of years ago, that left her with a severe brachial plexus injury that caused paralysis in her right arm.
Dr. Pelagia Kouloumberis, M.D. Neurosurgery Mayo Clinic	“The brachial plexus is the network of nerves that give motor and sensation to the arm. It essentially controls the entire upper extremity.”
B-roll	After a number of unsuccessful treatments elsewhere, Sara discovered the peripheral nerve clinic at Mayo Clinic in Arizona.
Dr. Pelagia Kouloumberis, M.D. Neurosurgery Mayo Clinic	“The first step in performing this procedure involves identifying a nerve that we can use to power the new muscle and then we have to locate a muscle that the body can do without and this particular muscle is the gracilis muscle in the leg. We're able to take the muscle along with blood supply, attach it to a blood vessel up near the upper extremity and use that nerve and power that gracilis to now act in the place of the bicep muscle.”
Broll surgery	After brachial plexus surgery, the patient requires months of rehabilitation working with an entire team.
Shelley Noland, M.D. Plastic and Reconstructive Surgery Mayo Clinic	“Our peripheral nerve clinic is a multidisciplinary team. And the team approach is absolutely required to have the best outcome for these patients. A huge component of that team is the physical and occupational therapy that's required after surgery, we really work together to get the patients on the best track to teach them, educate them about how to rehab their own extremities, their own arms. And a lot of it they end up doing at home. Sarah is no different. She has been very committed to her personal therapy, and very dedicated to doing all the exercises on a daily basis at home. And I think she really understands that the more that she does for herself every day, the better her outcome is going to be.”
b-roll	A team approach between the patient and the providers who agree on a common goal is often the key to recovery.
Shelley Noland, M.D. Plastic and Reconstructive Surgery Mayo Clinic	“But the most important thing was being able to play the guitar because music is a passion of hers. So that was our number one goal is to get her back to music and playing the guitar because we felt like that was going to bring her the most happiness and success. And therefore, we really focused on the bending of the elbow, which is what she would require and what she was really missing in order to be able to play the guitar.”
Sara Groves, patient	“They go way beyond to try to do something that I want rather than something that they want. I don't know if it's normal for doctors to help somebody do something so specific as play guitar. But that's been my request and that's what the doctors have been trying to help me do. So that's awesome.”