

Soldier looks forward to driving with new arms (Update)

January 29 2013, by Alex Dominguez



Retired Infantryman Brendan M. Marrocco uses his transplanted arm to brush his hair back during a news conference Tuesday, Jan. 29, 2013 at Johns Hopkins hospital in Baltimore. Marrocco received a transplant of two arms from a deceased donor after losing all four limbs in a 2009 roadside bomb attack in Iraq. (AP Photo/Gail Burton)

A U.S. soldier who lost all four limbs in a roadside bombing in Iraq says he's looking forward to driving and swimming with new arms after undergoing a double-arm transplant.

"I just want to get the most out of these arms, and just as goals come up, knock them down and take it absolutely as far as I can," Brendan Marrocco said Tuesday.

The 26-year-old New Yorker spoke at a news conference at Johns Hopkins Hospital, where he was joined by surgeons who performed the operation.

After he was wounded, Marrocco said, he felt fine using prosthetic legs, but he hated not having arms.

"You talk with your hands, you do everything with your hands, basically, and when you don't have that, you're kind of lost for a while," he said.

Marrocco said his chief desire is to drive the black Dodge Charger that's been sitting in his garage for three years.

"I used to love to drive," he said. "I'm really looking forward to just getting back to that, and just becoming an athlete again."



Retired Infantryman Brendan M. Marrocco listens during a news conference Tuesday, Jan. 29, 2013 at Johns Hopkins hospital in Baltimore. Marrocco received a transplant of two arms from a deceased donor after losing all four limbs in a 2009 roadside bomb attack in Iraq. (AP Photo/Gail Burton)

Although he doesn't expect to excel at soccer, his favorite sport, Marrocco said he'd like to swim and compete in a marathon using a handcycle.

Marrocco joked that military service members sometimes regard themselves as poorly paid professional athletes. His good humor and optimism are among the qualities doctors cited as signs he will recover much of his arm and hand use in two to three years.



Retired Infantryman Brendan M. Marrocco wheels himself into a news conference followed by lead surgeon W.P. Andrew Lee, M.D., Tuesday, Jan. 29, 2013 at Johns Hopkins hospital in Baltimore. Marrocco received a transplant of two arms from a deceased donor after losing all four limbs in a 2009 roadside bomb attack in Iraq. (AP Photo/Gail Burton)

"He's a young man with a tremendous amount of hope, and he's stubborn—stubborn in a good way," said Dr. Jaimie Shores, the hospital's clinical director of hand transplantation. "I think the sky's the limit."

Shores said Marrocco has already been trying to use his hands, although he lacks feeling in the fingers, and he's eager to do more as the slow-growing nerves and muscles mend.

"I suspect that he will be using his hands for just about everything as we let him start trying to do more and more. Right now, we're the ones really kind of holding him back at this point," Shores said.

The procedure was only the seventh double-hand or double-arm transplant ever done in the United States.

The infantryman was injured by a roadside bomb in 2009. He is the first soldier to survive losing all four limbs in the Iraq War.

Marrocco also received bone marrow from the same donor to minimize the medicine needed to prevent rejection. He said he didn't know much about the donor but "I'm humbled by their gift."



In a Dec. 18, 2012 photo provided by Johns Hopkins Medical, a surgical team at Johns Hopkins Hospital in Baltimore works on a double arm transplant for U.S.

Army infantryman Brendan Marrocco, 26, who lost all four limbs in Iraq. The transplants are only the seventh double-hand or double-arm transplant ever conducted in the United States. The infantryman was injured by a roadside bomb in 2009. (AP Photo/Johns Hopkins Medical)

The 13-hour operation on Dec. 18 was led by Dr. W.P. Andrew Lee, plastic surgery chief at Hopkins.

Marrocco was being released from the hospital Tuesday but will receive intensive therapy for two years at Hopkins and then at Walter Reed National Military Medical Center in Bethesda.

After a major surgery, human nerves regenerate at a rate of an inch per month, Lee said.

"The progress will be slow, but the outcome will be rewarding," he added.

Copyright 2013 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed.

Citation: Soldier looks forward to driving with new arms (Update) (2013, January 29) retrieved 7 May 2024 from <https://medicalxpress.com/news/2013-01-soldier-rare-double-arm-transplant-amazed.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.