Double arm transplant A U.S. soldier who lost all four serviceman to undergo a rare double arm transplant

limbs in Iraq has become the first Recipient arm Humerus Muscle Arteries and veins Nerves Bone plate 13-hour surgery

1 Ends of bones above elbow shaped so they fit together. Blood vessels, nerves and muscles tagged 2 Plate with screws locks bones together

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3 Muscles, tendons, and hand arteries and veins connected - blood begins to flow 4 Nerves connected to pathways in donor arm Source: John Hopkins

Donor arm