

Shock Through the Heart
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Broadcast Version

INTRO

ONE OF THE MOST TERRIFYING SIGHTS ON A SPORTS FIELD IS GAME-STOPPING... AND AT TIMES... GAME-ENDING INJURIES. MULTIPLE PROFESSIONAL SOCCER PLAYERS HAVE SUFFERED CARDIAC ARRESTS DURING A MATCH – WHICH LEADS INTO MEDICAL CARE ON THE FIELD... AND EVENTUALLY IN THE HOSPITAL.

TAKE VO

THROUGH QUICK ACTION BY MEDICAL STAFF ON-SITE – C-P-R IS PERFORMED... ALONG WITH ADMINISTERING AN AUTOMATIC EXTERNAL DIFIBRILLATOR... OR A-E-D... TO THE PLAYER'S CHEST... PRACTICALLY SHOCKING THEM BACK TO LIFE.

DR. ABRAHAM KOCHERIL (**COE-CHUR-ULL**) IS THE DIRECTOR OF CARDIAC ELECTROPHYSIOLOGY AT OSF HEALTHCARE CARDIOVASCULAR INSTITUTE IN URBANA. HE SAYS AN UNDERLYING CONDITIONS LIKE CORONARY ARTERY DISEASE... AN IRREGULAR HEARTBEAT... OR A CONGENITAL HEART DEFECT IS USUALLY WHAT LEADS TO A CARDIAC ARREST DURING SPORTS.

TAKE SOT

“Exercise is a pretty significant stress on the heart,” Dr. Kocheril says. “If you have one of these underlying conditions and you add the strain of vigorous exercise, you can bring on one of these rhythm disturbances.”

VO TAG

SOME PLAYERS WITH HEART CONDITIONS NOW RECEIVE AN IMPLANTABLE CARDIOVERTER DEBIBRILLATOR... OR I-C-D. THIS IS A SMALL ELECTRONIC DEVICE CONNECTED TO THE HEART. IT MONITORS PLAYERS' HEARTS CLOSELY AND REGULATES FAST... POTENTIALLY LIFE-THREATENING ELECTRICAL PROBLEMS WITH THE HEART... PROVIDING A SHOCK **TO** THE HEART... BRINGING PLAYERS BACK TO NORMAL... AND ALLOWING THEM TO CONTINUE PLAYING.

VO/SOT #2

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DR. ABRAHAM KOCHERIL (COE-CHUR-ULL) IS THE DIRECTOR OF CARDIAC ELECTROPHYSIOLOGY AT OSF HEALTHCARE CARDIOVASCULAR INSTITUTE IN URBANA. HE SAYS NOWADAYS... SOME PLAYERS WEAR AN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR... OR I-C-D... WHICH CAN SHOCK THEIR HEART BACK INTO RHYTHM IF THEY SUFFER A CARDIAC EVENT DURING A MATCH. BUT IF A PLAYER DOES NOT HAVE AN I-C-D... QUICK ACTION BY NEARBY MEDICAL STAFF IS CRUCIAL.

TAKE SOT

“If somebody is down for nine minutes before you start resuscitation, their chances of survival are almost zero. For every one minute, you’re losing 10% [chance of survival],” Dr. Kocheril emphasizes.

VO TAG

MANY COLLEGIATE AND PROFESSIONAL SPORTS WEAR G-P-S VESTS NOW... TO KEEP A CLOSER EYE ON PLAYERS’ PERFORMANCE DURING TRAINING AND MATCHES. THE GOAL IS TO IMPROVE A TEAM’S FITNESS... BUT ALSO TO DECREASE INJURIES. DR. KOCHERIL SAYS IF YOU HAVE ANY CONCERNS THAT YOU OR YOUR CHILD MAY HAVE AN UNDERLYING CARDIAC CONDITION... REACH OUT TO YOUR PRIMARY CARE PROVIDER RIGHT AWAY.