

**Collection: 000011; Video Rate:25 fps; Master Digital Formats: 1920 x 1080 Uncompressed 10-bit 4:2:2. Prores(HQ); Acquisition Format: 16mm. Film**

000011-BA02C233: Track from lymph vessel and associated blood vessels across mesentery to tree of blood vessels. Track back again to lymph vessel. Fat cells visible around lymph vessel as bright circles with dark centre. Dark field microscopy. Very low magnification.

000011-BA02C234: Lymph vessel and associated blood vessels Short track left to right. Fat cells visible around lymph vessel as bright circles with dark centre. High magnification. Dark field microscopy. Low magnification.

000011-BA02C235: Lymph vessel and associated blood vessels Lymphatic valve can be seen, in lower left of frame, opening as vessel contracts to drive fluid along. Dark field microscopy. Very low magnification.

000011-BA02C236: Lymph vessel and associated blood vessels Lymphatic valve can be seen opening as vessel contracts to drive fluid along. Dark field microscopy. Low magnification.

000011-BA06C124: Lymph vessel embedded in dense fat. Many fat cells.Lymphatic valve opening and closing as lymph vessel expands and contracts. Orientation shows one apparent flap which forms a semi-circular barrier at the top of frame when it closes. Cells visible as markers flowing in the fluid. Differential Interference Contrast microscopy (DIC) Medium magnification.

000011-BA06C150: Track along lymph vessel embedded in dense fat. Many fat cells.. Cells visible as markers flowing in the fluid but valve less obvious. Inflammatory cells have collected in the pocket behind one of the valve flaps. Differential Interference Contrast microscopy (DIC) Medium magnification.

000011-BA06C151: Lymph vessel embedded in dense fat. Many fat cells.Lymphatic valve in lymph vessel expands and contracts. Orientation makes valve operation not obvious. Cells visible as markers flowing in the fluid. Differential Interference Contrast microscopy (DIC) Medium magnification.

000011-BA06C152: Lymph vessel embedded in dense fat. Many fat cells.Lymphatic valve in lymph vessel expands and contracts. Orientation makes valve operation not obvious. Cells visible as markers flowing in the fluid. Differential Interference Contrast microscopy (DIC) Low magnification.

000011-BA06C153: Lymph vessel in front of blood vessel embedded in dense fat. Many fat cells.Lymph vessel expands and contracts with cells visible as markers flowing in the fluid. Differential Interference Contrast microscopy (DIC) Low magnification.

000011-BA06C154: Lymph vessel in front of blood vessel embedded in dense fat. Many fat cells.Lymph vessel expands and contracts with cells visible as markers flowing in the fluid. Differential Interference Contrast microscopy (DIC) Medium magnification.

000011-BA06C155: Lymph vessel embedded in dense fat. Many fat cells.Lymphatic valve in lymph vessel expands and contracts. Valve visible as two flaps but orientation makes valve operation not obvious. Cells visible as markers flowing in the fluid. Differential Interference Contrast microscopy (DIC) Medium magnification.

000011-BA06C156: Lymph vessel embedded in dense fat. Many fat cells.Lymphatic valve in lymph vessel expands and contracts. Valve visible as two flaps but orientation makes valve operation not obvious. Cells visible as markers flowing in the fluid. Inflammatory cells have collected in the pocket behind one of the valve flaps. Differential Interference Contrast microscopy (DIC) Medium magnification.

000011-BA06C158: Lymph vessel embedded in dense fat. Many fat cells.Lymphatic valve in lymph vessel expands and contracts. Valve visible as two flaps pressed together at the start of the shot and relaxing into a V-shape as the valve opens. Cells visible as markers flowing in the fluid. Differential Interference Contrast microscopy (DIC) Medium magnification.

000011-BA06C159: Lymph vessel embedded in dense fat. Many fat cells.Lymphatic valve in lymph vessel expands and contracts. Valve visible as two flaps that press together when they close and relax into a V-shape as the valve opens. Cells visible as markers flowing in the fluid. Differential Interference Contrast microscopy (DIC) Medium magnification.

000011-BA06C160: Lymph vessel embedded in dense fat. Many fat cells.Lymphatic valve in lymph vessel expands and contracts. Valve visible as a v-shaped pair of flaps. Track along lymph vessel into fat and back At the end of the shot the valve flaps press together as it closes. Cells visible as markers flowing in the fluid. Differential Interference Contrast microscopy (DIC) Low magnification.

000011-BA06C163: Lymph vessel embedded in dense fat. Many fat cells. The closed flaps of the lymphatic valve can be seen as a spear point vessel slowly expands. Vessel contracts. Static hold. Dark field microscopy. Low magnification.

000011-BA06C165: Lymph vessel embedded in dense fat. Many fat cells. Lymphatic valve opening and closing as lymph vessel expands and contracts. Dark field microscopy. Medium magnification.

000011-BA06C166: Lymph vessel embedded in dense fat. Many fat cells. Lymphatic valve opening and closing as lymph vessel expands and contracts. Dark field microscopy. Low magnification.

000011-BA06C169: Lymph vessel embedded in dense fat. Many fat cells. Lymphatic valve visible as lymph vessel expands and contracts. Dark field microscopy. Low magnification.

000011-BA06C170: Lymph vessel on the edge of dense fat deposit. Many fat cells. Lymphatic vessel visible as blue duct. Heartbeat obvious. Static hold. Dark field microscopy. Low magnification.

000011-BA06C171: Track along lymph vessel on the edge of dense fat deposit. Many fat cells. Lymphatic vessel visible as blue duct. Heartbeat obvious. Dark field microscopy. Low magnification.

000011-BA06C173: Lymph vessel on the edge of dense fat deposit. Many fat cells. Lymphatic vessel visible as blue duct. Heartbeat obvious. Static hold. Dark field microscopy. Low magnification.