

Collection: 000032; Video Rate:25 fps; Master Digital Formats: 1920 x 1080 Uncompressed 10-bit 4:2:2. Prores(HQ); Acquisition Format: 16mm. Film

000032-BA05C002: The Human Brain. Association pathways within the brain. CU pan from frontal lobes to the occipital lobes at the level of the lateral lobes. View is of the left hemisphere showing fibres running from the front to the back of the cortex. Profile view. Lateral geniculate nucleus is visible behind at the start of the shot. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C003: The Human Brain. Association pathways within the brain. CU pan from frontal lobes to the occipital lobes at the level of the lateral lobes. View is of the left hemisphere showing fibres running from the front to the back of the cortex. Profile view. Lateral geniculate nucleus is visible behind at the end of the shot. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C007: The Human Brain. Association pathways within the brain. CU view of rotating (360 degrees) brain starting from occipital lobes, to the frontal lobes at the level of the lateral lobes. View shows fibres running from the front to the back of the cortex. Optic chiasma visible just behind un-dissected frontal lobe, The olfactory bulb and connecting tract can be seen on the underside of the un-dissected frontal lobe. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C014: The Human Brain. Association pathways within the brain. CU view of rotating (120 degrees) brain starting from occipital lobes, to the frontal lobes at the level of the lateral lobes. View shows fibres running from the front to the back of the cortex. Optic chiasma visible just behind un-dissected frontal lobe on left of frame. Rotation reveals lateral geniculate nuclei on the left of frame.. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C016: The Human Brain. Association pathways within the brain. BCU pan from occipital lobes to the frontal lobes at the level of the lateral lobes. View is of the left hemisphere showing fibres running from the front to the back of the cortex. Profile view. Rotation at the end reveals lateral geniculate nuclei on the left of frame.. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C018: The Human Brain. Association pathways within the brain. BCU pan along lateral association pathway fibres. Ends on furrowed bundle of the lateral geniculate nucleus. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C021: The Human Brain. Association pathways within the brain. Rotating brain (clockwise). Whole under lit cortex drops into frame in profile view. Dissected association pathways. Cerebellum removed. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C022: The Human Brain. Association pathways within the brain. Rotating brain (anti-clockwise). Whole under lit cortex drops into frame in profile view. Dissected association pathways. Cerebellum removed. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C025: The Human Brain. Association pathways within the brain. Rotating brain (anti-clockwise). Mid view of the underside of the brain in profile view. Cerebellum present with dentate nuclei visible at the centre. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C027: The Human Brain. Association pathways within the brain. BCU move from optic chiasma onto optic nerve. The severed pituitary stalk can be seen in the centre of the optic chiasma. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C029: The Human Brain. Association pathways within the brain. BCU move from optic chiasma to left lateral geniculate nucleus. Move and pull focus to right geniculate nucleus. The severed pituitary stalk can be seen in the centre of the optic chiasma. At the start of the shot. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C032: The Human Brain. Association pathways within the brain. BCU dentate nucleus in cerebellum. Pan up nerve tracts to mid brain. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C033: The Human Brain. Association pathways within the brain. 360 degree rotation of the brain (clockwise from underside). Mid view of shows cerebellum, dentate nuclei and associated nerve pathways. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C035: The Human Brain. Association pathways within the brain. Wide static view from the front of the brain shows cerebellum, dentate nuclei and associated nerve pathways. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C038: The Human Brain. Association pathways within the brain. CU tilt up from the outer edge of the cerebellum past the dentate nucleus to nerve tracts in the mid brain. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C041: The Human Brain. Association pathways within the brain. BCU tilt up from the outer edge of the cerebellum past the dentate nucleus to nerve tracts in the mid brain. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C046: The Human Brain. Association pathways within the cerebral cortex. Mid view. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C048: The Human Brain. Association pathways within the cerebral cortex. Mid view. Track down from cortical surface to mid brain area (removed in dissection). Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C050: The Human Brain. Association pathways within the cerebral cortex. Mid view. Track across pathways linking cortical surface areas. Then down to mid brain area (removed in dissection). Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C052: The Human Brain. Association pathways within the cerebral cortex. Rotating brain. Mid view of pathways linking cortical surface areas. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C053: The Human Brain. Association pathways within the cerebral cortex. Rotating brain. Close up view of pathways linking cortical surface areas. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C056: The Human Brain. Association pathways within the cerebral cortex. CU track along pathways linked cortical surface areas. Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C059: The Human Brain. Association pathways within the cerebral cortex. Mid view. Track across pathways linking cortical surface areas. Then down to mid brain area (removed in dissection). Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.

000032-BA05C060: The Human Brain. Association pathways within the cerebral cortex. Mid view. Track across pathways linking cortical surface areas. Then down to mid brain area (removed in dissection). Dissection of the human brain after repeated freezing and thawing to separate association fibre bundles. Back lighting against black.