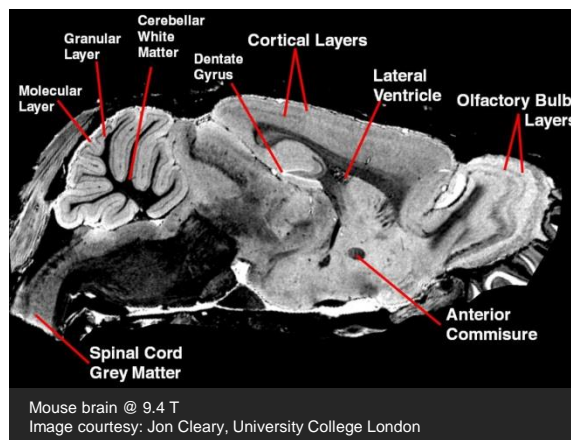


Description

- Dedicated mouse volume coil for non-invasive investigation of mice.
- Quadrature polarization provides **optimum SNR**.
- The B1-field homogeneity can be **adapted to the application** (e.g. heart or brain).
- The coil can be interfaced to **any type of MR system** including whole body scanners allowing pharmacological studies on contrast agents at a field strength of **clinical relevance**.



Specifications

coil	volume resonator for mice
features	transmit / receive quadrature polarization
B_0 -field strength	1.5 T - 12 T
dimensions	inner diameter according to demands: 10 mm for newborn mice up to 39 mm for adult mice outer diameter: 59 mm
B_1 -field characteristics	according to demands e.g. 'short' heart coil or 'long' whole body coil
specials	coil can be adapted to whole body scanners.
required equipment	quadrature hybrid