RECON

Randomized Evaluation of Carotid Occlusion and Neurocognition

Patients who are enrolled in the COSS trial may also be eligible for the ancillary study, Randomized Evaluation of Carotid Occlusion and Neurocognition (RECON).

Restoring blood flow to the brain by performing an EC-IC bypass operation may not only reduce the chance of future stroke as is being investigated in COSS, but may also improve or preserve mental functioning, which is the hypothesis being examined in the RECON study. Patients who participate in RECON will undergo a 1-hour neurocognitive evaluation at enrollment and then 2 years after beginning COSS. A comparison of mental functioning will be made between those COSS patients who have undergone the bypass operation and those who were randomized to the medical therapy alone.

There are no additional risks involved in participating in RECON. The neurocognitive evaluations will be scheduled to coincide with regular COSS visits so no additional visits will be required.

- Who is eligible for RECON?
  - Patients enrolled in COSS
  - ≥4 years of education (literate)
  - No prior diagnosis of dementia as determined by the referring physician
  - Exclusion criteria otherwise the same as COSS

- Further details and a list of participating centers may be found on the COSS web site at http://www.cosstrial.org/coss/homerecon.asp

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