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### Regional Anesthesia

**CSF LEAK** This report documents the occurrence of cerebrospinal fluid leakage from the subarachnoid space through the site of lumbar puncture. In the three reported cases, scintiscans performed following injection of radioactive iodinated serum albumin (<sup>131</sup>I) into the subarachnoid space showed migration of the solution cephalad and caudad out of the subarachnoid space into the peridural space. (Lieberman, L. M., Tourtellotte, W. W., and Newkirk, T. A.: *Prolonged Post-lumbar Puncture Cerebrospinal Fluid Leakage from Lumbar Subarachnoid Space Demonstrated by Radioisotope Myelography, Neurology* 12: 925-929, 1971.) **ABSTRACTER'S NOTE:** Only one of the three patients described appears to have had symptoms, presumably from the demonstrated spinal-fluid leak, consisting of severe occipital headache and nausea when assuming the upright position. Unfortunately, the authors failed to report the caliber of the needles used or to indicate the possible correlation between the degree of leak and the size of the needle.