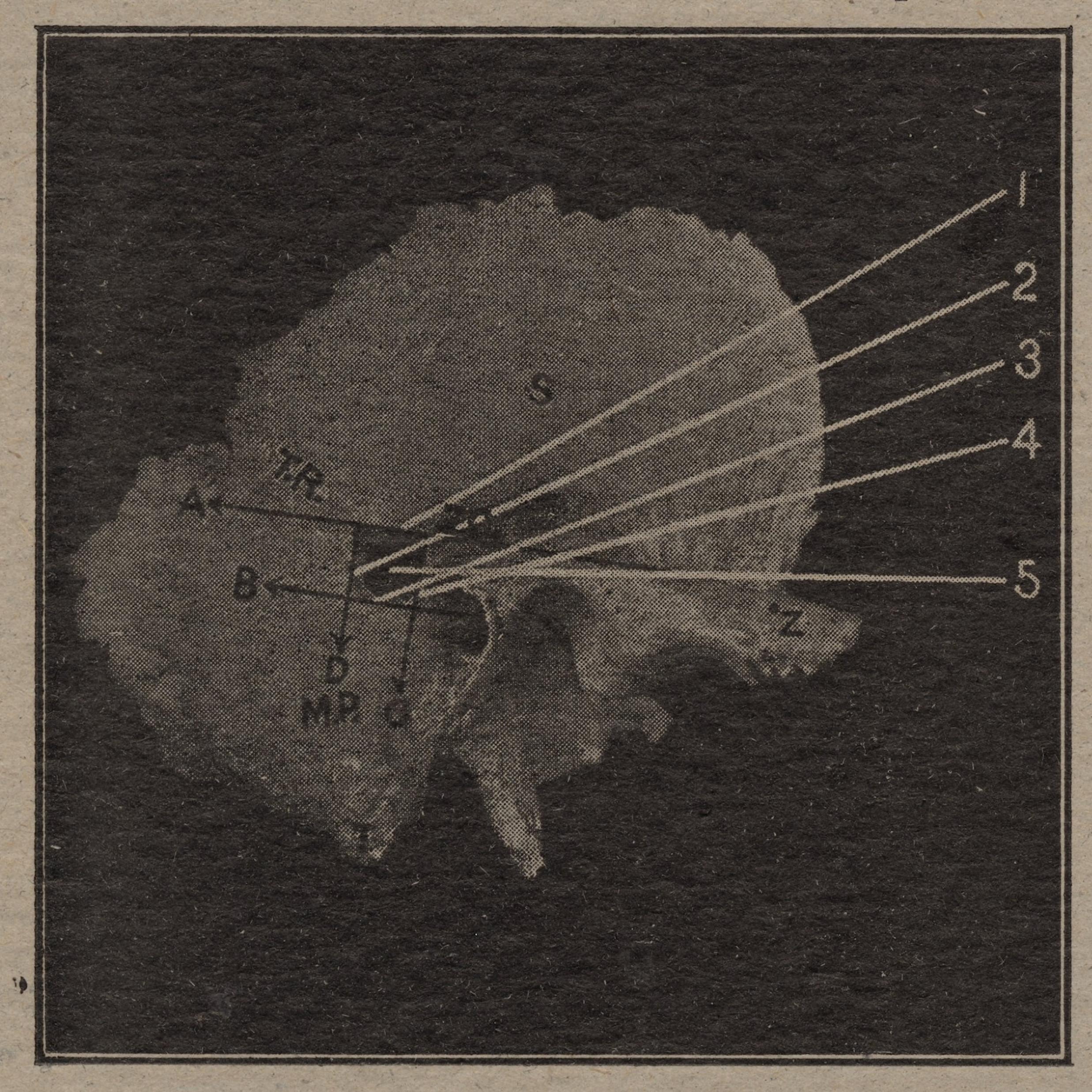
MASTOID ANTRUM OPENING

SUPRA MEATAL SQUARE. NERES. The location and entrance into the mastoid antrum is always necessary in every case where a mastoid operation is performed. The supra meatal square is constructed as follows: The superior limit line A of the square is made by extending the zygomatic ridge at the zygomatic crest Z C horizontally posterior to the distance of about one inch. The inferior limit line B is made by drawing a line from the center of the auditory canal also horizontally posterior and parallel to the superior limit line A. The anterior limit line C is made by dropping a line perpendicular to the superior limit line A at the zygomatic crest; this line passes through the anterior margin of the mastoid fossa and base of Henle's spine and bisects also the inferior limit line B. This line is tangent to the posterior wall of auditory canal. The posterior limit line D is made by taking a point 5 m.m. posterior to the anterior limit line C on the superior limit line A and dropped perpendicularly; this line is parallel to the line C, and also bisects the inferior limit line B. This forms a perfect 5 m.m. square. A square opening made within these borders will locate the mastoid antrum at a depth of 16 to 18 m.m.



The figures indicate—

- 1-Superior Limit Line
- 2-Posterior Limit Line
- 3-Inferior Limit Line
- 4—Anterior Limit Line
- 5—Mastoid Antrum Opening

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