

12 (944)

**A case of diabetes mellitus complicated by alimentary pentosuria
and occasional lactosuria.**

By **JACOB ROSENBLOOM, M.D., PH.D.**

*[From the Biochemical Laboratory of the Western Pennsylvania
Hospital, Pittsburgh, Pa.]*

The writer has completed a study of certain phases of metabolism in an adult suffering from diabetes mellitus, who also presented a very low tolerance for pentose and for lactose.

13 (945)

**Metabolism studies in a case of diabetes insipidus, in a four-
year-old boy.**

By **JACOB ROSENBLOOM, M.D., PH.D.,** and
HARRY T. PRICE, M.D.

*[From the Biochemical Laboratory of the Western Pennsylvania
Hospital, Pittsburgh, Pa.]*

For a period of nine days we have studied, in a boy suffering from diabetes insipidus, the nitrogen metabolism and urinary nitrogen partition; the sulphur metabolism and urinary sulphur partition; the calcium, magnesium, and phosphorous metabolism, the chloride metabolism and the fluid intake and output.

The studies were carried out on low and high protein diets and on low and high sodium chloride diets. In some respects the condition seemed to be due to a defect of the kidney to secrete a concentrated urine; in other respects this was not so.