



The UNIVERSITY of OKLAHOMA

College of
Medicine

The 46th Annual

WILLIAM K. ISHMAEL

RHEUMATOLOGY SYMPOSIUM

VIRTUAL EXHIBIT PROGRAM BOOK

September 18, 2020

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Exhibitors' Virtual Zoom Marketplace



8:00 a.m. - 8:30 a.m. | 12:15 p.m. - 12:45 p.m.

alexion.zoom.us/j/97629132929?pwd=WFNTS2VBK3pJVFFTVjNrejRWTlhEUT09



8:00 a.m. - 8:30 a.m. | 12:15 p.m. - 12:45 p.m.

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8:00 a.m. - 8:30 a.m. | 12:15 p.m. - 12:45 p.m.

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Hypophosphatasia (HPP) is a metabolic disorder characterized by LOW Alkaline Phosphatase (ALP) activity¹


Patients with HPP may experience unpredictable, devastating, and life-limiting consequences, including:¹



PREMATURE TOOTH LOSS




SHORT STATURE AND/OR UNUSUAL GAIT



MUSCLE WEAKNESS AND/OR FATIGUE



CHRONIC MUSCLE/ JOINT PAIN



SKELETAL DEFORMITIES AND/OR FRACTURES

- In adults, low ALP activity is <40 U/L^{2,4}
- Age- and sex-adjusted ALP reference intervals must be used in children^{3,4}

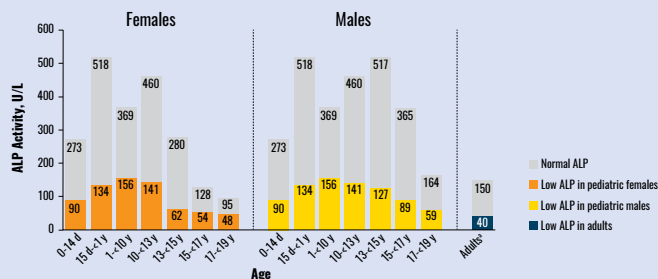
Patients with any of these key signs/symptoms and LOW ALP should be evaluated for HPP¹

¹Example cutoff from Abbott Laboratories; adult ALP ranges are lab specific and may vary.

References- 1. Bishop N, et al. *Arch Dis Child*. 2016;101(6):514-515. 2. Alkaline phosphatase [package insert]. Abbott Park, IL: Abbott Laboratories; 2007. 3. Offiah AC, et al. *Pediatr Radiol*. 2019;49(1):3-22. 4. Colantonio DA, et al. *Clin Chem*. 2012;58(5):854-868.

LOW Alkaline Phosphatase (ALP) may not be flagged if your laboratory does not use age- and sex-adjusted reference intervals in children when testing ALP activity¹

Age- and sex-adjusted ALP reference ranges, U/L^{2,3}



NOTE: Graph adapted from the Canadian Laboratory Initiative on Pediatric Reference Intervals (CALIPER) project.² Caliper samples from 1072 male and 1116 female participants (newborn to 18 years) were used to calculate age- and sex-specific reference intervals. No variation in ALP based on ethnic differences was observed. Reference intervals shown were established on the Abbott ARCHITECT c8000 analyzer.

³Adult interval provided by the Abbott ARCHITECT ALP product information sheet is for females >15 and males >20 years of age. For younger ages, Abbott does not provide lower limits of normal.³

**LOW Alkaline Phosphatase (ALP) is hallmark of Hypophosphatasia.¹
To learn more, please visit www.hypophosphatasia.com**

References- 1. Rockman-Greenberg C. *Pediatr Endocrinol Rev*. 2013;10(2 suppl):380-388. 2. Colantonio DA, et al. *Clin Chem*. 2012;58(5):854-868. 3. Alkaline phosphatase [package insert]. Abbott Park, IL: Abbott Laboratories; 2007.

Please contact [RAM email] to learn more information about hypophosphatasia.



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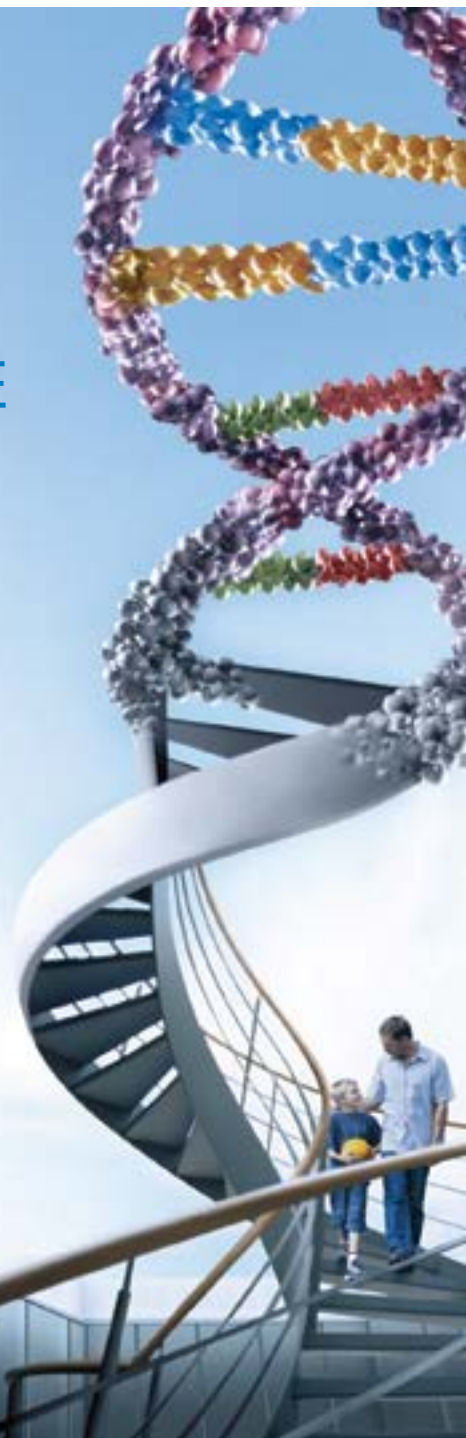


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