

Abstract Submitted
for the APR20 Meeting of
The American Physical Society

Mathematical Models for Living Forms in Medical Physics Submodel 1: The Information Processing from Teeth to Nerves CHRISTINA POSPISIL, University of Massachusetts Boston — This talk continues the presentation at APS March Meeting 2019 and APS April Meeting 2019. In this part of the project the first submodel is presented; The information processing from teeth to the nerves. Information processing is modeled via p-waves passing through the tooth layers enamel and dentin. Odontoblasts located in the liquid in the tubules of the tooth dentin layer perform finally the transformation into electrical information (an electrical signal) that passes along nerves.

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Date submitted: 03 Oct 2019

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