

# Avishkar 2011

## ANVESHANS

### PROBLEM STATEMENT 3

Estimate the average flow rate (velocity) in the stomach by measuring dissolution rate of a non-absorbing solute in the form of a spherical pill. Analyze the problem and explain how this could be done. State the assumptions. Assume net flow out of the stomach is negligible. (Sometimes referred to a churn flow)

Submit your answers @ [anveshans.rasayans2k11@gmail.com](mailto:anveshans.rasayans2k11@gmail.com)

