C

BME 260L   Project #1 Written Report   Team 5

	Score	Max
Executive Summary • States specific project goals. — *order off* • Explains key results and significance. *- had some numbers* *- last sentence odd*	3.	5
Background • Information on clinical or human health situation and its significance. • Explains need for model. *(- disjointed on pneumonia [& extraneous info.]* *- one vague sentence.*	5	10
Development of Model • Conceptual model, including description of multi-compartment system, related engineering rationale, and necessary assumptions. • Selected chemical components and rationale for selection. How compounds track through the model shown. • Mathematical models, including accounting and/or kinetic equations, and justification of related assumptions. *- Described different units ok* *- mixing of results in model set up & assumptions* *- understood d(t) eqn* *- good for what model was created.*	12	15
Model Results • Numerical results (e.g., flow rates, concentrations, chemical reactions) comparing the different modeled systems. • Model results described in words. *- flow rates: unclear if 1 or 2 lung* *- internal inconsistencies* *- see paper*	7	15

↗ relative strength.

	Score	Max
Reflection • Impact of the clinical or human health concern. • Carefully identify the strengths and weaknesses of your models.	4	5
Conclusion • Clearly summarizes key points. *fine*	3	5
Figure usage • Selects appropriate figures or tables to summarize key data or results. • Figures are labeled (including units), captioned, legible, and clear. ↑ font size. Fig 4,5 have same title, but are different. questions on units	8	15
References • Consults a variety of high-quality (peer-reviewed) sources. • Chooses a scientifically appropriate citation method and adequately references material in the report. — 6 ref — put # in text & list by # at back.	2	5
Quality of Writing and Report Structure • Organizes and structures paper to convey argument logically. • Demonstrates professional command of basic writing mechanics (grammar, syntax, word choice, etc.). - need careful editing — see notes on paper — hard to know what is "known" & "calculated" — terminology for pvs inconsistent.	10	15
Appendix • Presents clear and well-labeled calculations. OK.	8	10
TOTAL (OVERALL GRADE)	62	100

relative strength