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POST EXAM REVIEWS JUSTIFICATION

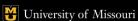
Students focus on 'the grade' and miss additional learning opportunities

Post exam reviews can:

help students learn content

help students learn how to learn (metacognition) promote a community of learning





TESTING, REVIEWING, & KNOWLEDGE RETENTION

- Phelps (2012) meta-analysis of studies 1910-2010
 - 177 quantitative & 244 qualitative studies
 - 640 separate measurements of effects
 - 7 million separate participants
- "Testing with feedback produces the strongest positive effect on achievement"





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EXAM REVIEWS & SELF-REGULATION

- 82% of students thought exam reviews helped:
 - Identify problems
 - Self-evaluate testing skills
 - Ensure preparedness
 - Assess study techniques
- "They make me really look at how I was studying to try and make my study habits better."
- "They helped me spend more time in areas I needed more time with. I need a way to assess myself in order to recognize this before the exam."

(Andaya et al., 2017)



POST EXAM REVIEWS

Group

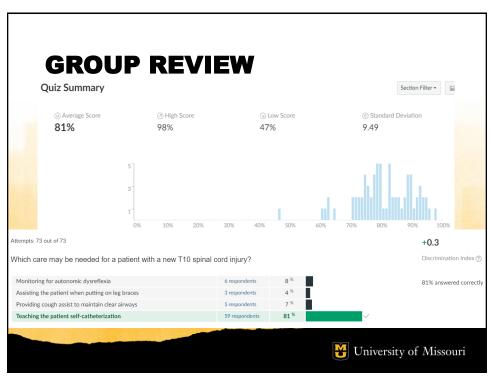
- Provides right or wrong answers
- Allows for comparative analyses
- Provides valuable feedback to faculty & students

Individual

- Allows for pattern identification
- Allows for more selfreflection
- Guided analysis by faculty



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THE SURVEY SHOWS....

- 71 NURSE4870 student responses
- Average value of group reviews 9.08/10
- Main themes
 - Desire to know answers and approx. score
 - Reduces anxiety no surprises
 - Ability to ask questions and receive rationale
 - Review sticking points that could appear again
 - See how answers compared to the class
 - · Promotes community of learning



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STUDENT FEEDBACK

- "I know exactly which questions I got wrong while still fresh in my mind. We can also ask questions for clarification. We feel heard."
- "I enjoy going over questions and listening to what other's thoughts were on the exam...reviewing other possible answers and understanding why the one chosen was the best"
- "knowing what was wrong and the RATIONALE."



INDIVIDUAL REVIEWS

Effective Practices

- Mutual respect
- Review actual student exam
- Use review sheet
- Review with forward focus
- · Evaluate:
 - Student thinking
 - Content areas
 - Question type
 - Question order
 - Preparation strategies
 - Test taking skills
 - · Mental health related to exams
- Complete before next exam

Ineffective Practices

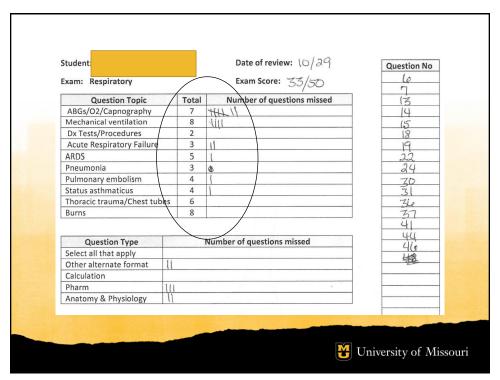
- Question argumentation
- Allowing excessive rationale for poor performance
- Focusing on the score/grade
- · Reviewing all exams at term's end

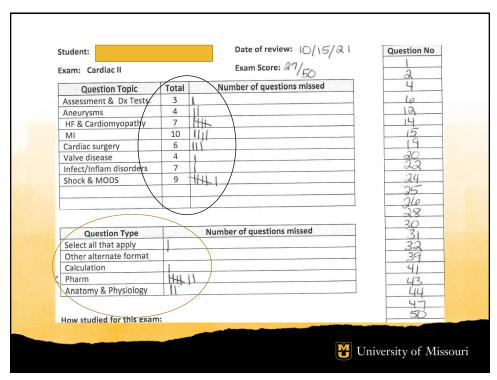


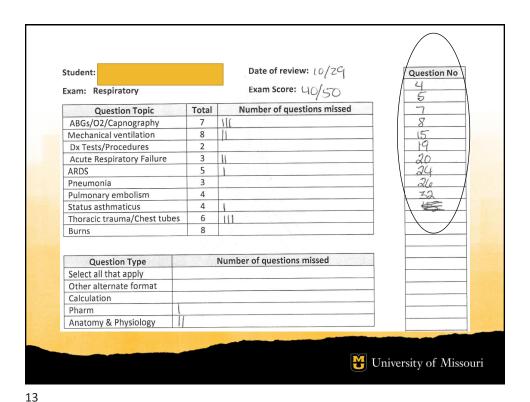


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	Student:		Date of review:	Question No	
	Exam:	Exam Score:			
	Question Topic	Total	Number of questions missed		
Dest					
Put					
exam 🔲 🔪					
ueprint					
Jebrii					
opics 🗍					
here					
11010					
			Number of questions missed		
	Select all that apply Other alternate format				
	Calculation				
	Pharm				
	Anatomy & Physiology				
	Anatomy & Physiology				
	How did you study for this				
	ones if needed.				
	Practice quizzes		Rewrite notes		
	Case studies		Flash cards		
	Attend optional revie	ws	Rewatch lectures		
	Appointments with faculty		Review notes after each class		
	Study with friends				
	Read book before class				
	Read book after class				
	5		•	The state of the s	
	Factors that Contributed to	Low Exam	Score:		







THE SURVEY SAYS....

- 20 of 71 students met with faculty for at least one individual exam review in spring 22
- Average value of individual review 8.4/10
- Themes:
 - Ability to ask questions
 - ID own learning needs
 - Understanding rationale



STUDENT FEEDBACK

- "Individually I feel less embarrassment asking questions."
- "I like how individualized it is to my own learning needs. I really like how we identify which specific topics I struggle with. It's helpful too that we make a plan for improvement moving forward."
- "It also helps to see where my thinking went wrong and how I should change my studying."



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SUMMARY

- Group & individual post exam reviews can be effective for:
 - promoting a community of learning
 - learning content
 - self-evaluation
 - modifying study behaviors







RESOURCES & REFERENCES

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