



ENHANCING DENTAL EDUCATION: KCU'S JOURNEY WITH SCORION AND THE REALIZATION OF A VISION

KCU's New College of Dental Medicine

Kansas City University (KCU) is making a big move to help with the shortage of dentists in four states with its newly established College of Dental Medicine. In a region spanning 125 miles from Joplin, Missouri, this initiative aims to bring comprehensive dental care to underserved communities.

KCU's groundbreaking project commenced in May 2021, with the first cohort of 80 students set to begin in 2023, eventually growing to 320 students. The College's team-based, comprehensive care model intends to meet the urgent need for dentists, particularly in rural areas.

Central to this effort is the state-of-the-art Oral Health Center, which provides practical training opportunities for students while offering much-needed care to the public. With its modern design and patient-friendly layout, the Center reflects KCU's commitment to accessible healthcare.

Scorion Software to Meet Key Skill Assessment Requirements

Kansas City University's College of Dental Medicine (KCU CDM) is revolutionizing skill assessment in health professions programs through innovative software integration. Rigorous research led KCU CDM to identify Scorion as the ideal solution, meeting software requirements crucial for tracking didactic and clinical skills seamlessly across diverse program areas.

Scorion's key features include personalized student dashboards for real-time competency monitoring, flexibility for students to self-pace challenges with faculty approval, and a comprehensive record of progress throughout the curriculum. This strategic choice underlines KCU's commitment to enriching education through advanced technology.

By adopting Scorion, KCU CDM is poised to elevate the learning journey, empowering students to excel in their skill and competency development.

For further insights, consult the research article "[Rubric development and peer review for predoctoral dental education](#)," authored by Erinne N. Kennedy DMD, MPH, MMSc Kathryn Champion DMD, Linda C. Niessen DMD, MPH, MPP



Transforming Vision into Portfolio:

KCU's Collaboration with Scorion

Scorion joined forces with Kansas City University (KCU) in March 2022 for a practical mission. Together, we aimed to create a unique portfolio tailored to Clinical Skills Assessments and Competency-based Assessments, reshaping the learning landscape. The collaboration between Scorion and KCU demonstrates professionalism and teamwork.

At the core of this effort was an interactive dashboard that captures assessment data in real-time. This tool empowers both KCU and its students to track and visualize their progress, ensuring competency mastery.

The portfolio includes 34 rubric forms, featuring precise point calculations and insightful pass or fail recommendations. The main dashboard offers an overview of assessment levels for each rubric, categorized as pass or fail outcomes.

Further enhancing the experience, Scorion and KCU jointly designed individual rubric dashboards. This feature allows easy navigation from the main dashboard to any of the 34 rubric-specific pages. Each rubric dashboard displays a line graph to track progress over time, along with valuable narrative feedback.

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KCU x Scorion Collaborative Timeline

First Connection

Initial contact establishes collaboration between KCU and Scorion

March 2022

April 2022

Exploring Possibilities

- Series of meetings delve into Scorion's functionalities and adaptability for KCU's practical assessments
- Discussions on contractual aspects to shape partnership

September 2022

Coordinated Efforts

- Coordination efforts intensify, encompassing project management and addressing legal inquiries.

October 2022

January 2023

Project Kick Off

- Scorion and KCU project teams join forces, initiating the transformative journey.
- Concept and content of the portfolio are outlined through collaborative meetings.

February 2023

March 2023

Development Phase

- Forms and dashboards take shape, undergoing internal testing.
- Portfolio's structure is refined, aligning with KCU's vision

Pilot Run

- Scorion portfolio undergoes pilot testing within KCU CDM.
- Initial insights pave the way for enhancements.

May 2023

June 2023

Final Touches

- Refinement phase sees the last adjustments to forms and dashboards.
- Portfolio's user experience is optimized.

July 2023

Ready for Launch

- Preparations for the official launch intensify.
- Instructions, manuals, and user data are organized

August 2023

Go Live

- The eagerly awaited moment arrives.: Scorion portfolio is launched, welcoming real students into a new era of enhanced assessments.

Mid August 2023

One for the Books! Our First Project in the United States

"Over the last year, we launched our first project on American soil with Scorion. A project like this in a completely different country is always a huge milestone. I still remember our first projects in Germany and South Africa.

What really sticks with me about this project is the incredible teamwork and professionalism we experienced while collaborating with Kansas City University. Think of it as a group of experts coming together to tackle challenges head-on. And of course, there are always some challenges to overcome in a first project like this. Such as dealing with the different rules and laws in the United States compared to Europe, or even just figuring out the time zone puzzle.

However, what is important is the team with which you work. And that's one of the significant aspects I really enjoy about my job. When you work with pioneers in the world of education, there is an incredible determination behind these projects. No matter what challenges you face, both sides work hard to overcome them and deliver a high-quality project.

For the project in the United States, we worked with Kansas City University to create a portfolio for a dental degree program. But the story behind it also makes the project very special to me: because Kansas City University has established a new College Of Dental Medicine to address the shortage of dentists in four American states. In a region that spans 125 miles from Joplin, Missouri, this initiative aims to provide comprehensive dental care to rural areas.

The Scorion portfolio will be made available to approximately 80 new students in August 2023. Essentially, it will be used for clinical skills assessments and competency-based evaluations. This information is displayed in real-time on a dashboard, allowing both the students and the university itself to track their learning progress and maintain their competence.

As I sit back and reflect on the past few months, something strikes me – it's not just about reaching the finish line. It's about the entire wild ride of a first project, full of twists and turns. That's what makes this project unquestionably one for the books!"

• **Marie Büscher, Scorion Manager International**

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