



MARYLAND
Health Care
Commission

Certificate of Ongoing Performance for Cardiac Surgery Services

THE UNIVERSITY OF MARYLAND
CAPITAL REGIONAL MEDICAL CENTER

(UM CRMC)

NOVEMBER 21, 2024



Staff Analysis and Conclusions

Summary of Standard	Applicant Information and Staff Analysis	Recommend Finding Hospital Complies with the Standard
<p>Program shall participate in uniform data collection and reporting by participating in the STS-ACSD.</p>	<p>The hospital submitted all required data for surgeries performed through December 2023.</p>	<p>Yes</p>
<p>The chief executive officer of the hospital shall certify upon request by the Commission that the hospital fully complies with each requirement for conducting and completing specified quality assurance activities.</p>	<p>The hospital submitted a letter from its CEO that certifies UM CRMC is committed to adhering to quality assurance standards.</p>	<p>Yes</p>
<p>Program shall demonstrate that it has taken appropriate action in response to concerns identified through its quality assurance processes.</p>	<p>UM CRMC conducted quality assurance through quarterly quality improvement meetings, peer review, and other meetings. The hospital provided information about action taken in response to quality concerns identified.</p>	<p>Yes</p>



UM CRMC's Cardiac Surgery Volume, Isolated CABG Volume, and Composite STS Star Ratings for CABG, by Reporting Period

Reporting Period	Composite Star Rating ¹	Total Isolated CABG Cases Included ²	Total Cardiac Surgery Volume ³	Estimated Percentage of Cardiac Surgery Cases Included in CABG Star Rating
Jul 2019 – Jun 2022	★ ★ ★	79	95	73.7%
Jan 2020 - Dec 2022	★ ★ ★	93	117	79.5%
Jul 2020 - Jun 2023	★ ★	116	157	73.9%
Jan 2021 - Dec 2023	★ ★ ★	149	203	73.4%

Sources: MHCC compilation of information submitted by UM CRMC and analysis of HSCRC discharge data.

1. The maximum number of stars awarded is three. Two stars indicate that a program performed similar to the national average for cardiac surgery programs participating in the STS-ACSD.
2. Isolated CABG cases are cases in which only CABG is performed. The number of eligible procedures vary within the components of the star rating; the number in the table reflects the number of eligible procedures for the mortality component.
3. Cardiac surgery case volume is based on counting discharges with any procedure code that is included in the definition of cardiac surgery in COMAR 10.24.17, effective in January 2019, and by using the procedure date to categorize cases by reporting period; total cardiac surgery volume is based on MHCC staff analysis of HSCRC discharge abstract for July 2019 – December 2023.



Staff Analysis and Conclusions

Summary of Standard	Applicant Information and Staff Analysis	Recommend Finding Hospital Complies with the Standard
The hospital shall maintain an STS-ACSD composite score for isolated CABG cases of two stars or higher.	The hospital received a rating of three stars for three of four reporting periods between July 2019 and December 2023.	Yes
Maintain a hospital all-cause 30-day risk-adjusted mortality rate for CABG cases that is consistent with high quality care.	The hospital's risk-adjusted mortality rate for isolated CABG cases was similar to the national average in all reporting periods; it did not statistically significantly differ from the national average for STS registry participants.	Yes
Program shall maintain an annual volume of 200 or more cases.	The hospital performed 24 cardiac surgery cases in CY 2020, 31 cases in CY 2021, 57 cases in CY 2022, and 115 cases in CY 2023. The volume standard was waived for both CY 2020 and CY 2021.	Yes



Recommendation

Staff recommends that the Commission issue a Certificate of Ongoing Performance that permits the University of Maryland Capital Regional Medical Center to continue providing cardiac surgery services for the next three years.