

**Subject** Rapid whole genome sequencing testing

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### Overview

This bill provides MA coverage for rapid whole genome sequencing (rWGS) testing for critically ill infants, if specified criteria are met.

## Summary

Section	Description
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1	<b>Coverage for rapid whole genome sequencing (rWGS) testing.</b>
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Amends § 256B.0625, by adding subd. 28c.

(a) Provides MA coverage for rapid whole genome sequencing (rWGS) testing if the testing is performed on a critically ill infant one year of age or younger, who has been admitted to an inpatient intensive care unit with a complex illness of unknown etiology, and all of the following apply:

- 1) the infant's signs or symptoms suggest a rare genetic condition that cannot be diagnosed by a standard clinical workup;
- 2) the signs or symptoms suggest a diagnosis that could require multiple genetic tests if rWGS was not performed;
- 3) timely identification of molecular diagnosis is necessary to guide clinical decision-making, and rWGS testing results will guide treatment or management of the infant's condition; and
- 4) at least one of ten specified clinical criteria apply.

(b) Requires the testing to be ordered by the treating physician, and prior to ordering the testing requires the infant to be evaluated by a medical geneticist or other physician subspecialist with expertise in the conditions or genetic disorder for which testing is being considered. Specifies requirements related to documentation and the use of telehealth.

(c) Requires the commissioner to establish a separate payment methodology to reimburse hospitals for rWGS testing, when the clinical criteria in the subdivision are met and prior authorization has been obtained. States that managed care and

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county-based purchasing plans are not responsible for additional payment for rWGS testing of plan enrollees, and that the commissioner will reimburse the hospital separately for both fee-for-service and managed care enrollees.

States that the section is effective July 1, 2022, or upon federal approval, whichever occurs last.



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