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State of Minnesota

HOUSE OF REPRESENTATIVES

NINETIETH SESSION

H. F. No. 2497

03/23/2017 Authored by Moran
The bill was read for the first time and referred to the Committee on Health and Human Services Reform

1.1 A bill for an act
1.2 relating to health; establishing the G6PD enzyme deficiency awareness program;
1.3 appropriating money; amending Minnesota Statutes 2016, section 144.1255,
1.4 subdivision 1; proposing coding for new law in Minnesota Statutes, chapter 144.

1.5 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

1.6 Section 1. Minnesota Statutes 2016, section 144.1255, subdivision 1, is amended to read:

1.7 Subdivision 1. Creation and membership. (a) By July 1, 2003, the commissioner of
1.8 health shall appoint an advisory committee to provide advice and recommendations to the
1.9 commissioner concerning tests and treatments for heritable and congenital disorders found
1.10 in newborn children. Membership of the committee shall include, but not be limited to, at
1.11 least one member from each of the following representative groups:

- 1.12 (1) parents and other consumers;
1.13 (2) primary care providers;
1.14 (3) clinicians and researchers specializing in newborn diseases and disorders;
1.15 (4) genetic counselors with knowledge of genetic factors in ethnic populations;
1.16 (5) birth hospital representatives;
1.17 (6) newborn screening laboratory professionals;
1.18 (7) nutritionists; ~~and~~
1.19 (8) culturally specific experts in clinical methodologies and practice; and
1.20 (~~8~~) (9) other experts as needed representing related fields such as emerging technologies
1.21 and health insurance.

2.1 (b) The terms and removal of members are governed by section 15.059. Members shall
2.2 not receive per diems but shall be compensated for expenses.

2.3 **Sec. 2. [144.1461] G6PD ENZYME DEFICIENCY AWARENESS PROGRAM.**

2.4 Subdivision 1. **Purpose.** G6PD enzyme deficiency is an inherited condition which is
2.5 caused by a deficiency of the enzyme glucose-6-phosphate dehydrogenase (G6PD) in the
2.6 body. This genetic predisposition is found in persons of African, Asian, Middle Eastern,
2.7 and Mediterranean heritage, and Native American people. This deficiency can cause
2.8 hemolytic anemia from the destruction of red blood cells. The commissioner in consultation
2.9 with ethnic councils and commissions shall establish an education and awareness program
2.10 on G6PD enzyme deficiency in order to disseminate specific health-related information on
2.11 G6PD enzyme deficiency.

2.12 Subd. 2. **Education and awareness program and grants.** (a) The commissioner of
2.13 health in consultation with ethnic councils and commissions shall establish a program to
2.14 bring awareness of the predisposition to G6PD enzyme deficiency to affected populations
2.15 and address ways to avoid triggers that can result in hemolytic anemia. Target populations
2.16 for the education and awareness program are individuals of African, Asian, Middle Eastern,
2.17 and Mediterranean heritage, and Native American people.

2.18 (b) To the extent funds are available, the commissioner of health shall award competitive
2.19 grants to eligible applicants for projects directed at increasing awareness of G6PD enzyme
2.20 deficiency. The projects shall be community-based and include arts-based culturally specific
2.21 methods to improve public awareness through defining health protection measures, risk
2.22 factor detection, and health enhancement by avoiding certain disease triggers.

2.23 Subd. 3. **Health protection.** In order to prevent episodes of hemolytic anemia in target
2.24 populations, the commissioner shall: (1) support good food manufacturing processes; (2)
2.25 address potential triggers in water, air, and soil; (3) focus on identifying triggers; and (4)
2.26 outline ways to avoid triggers. The commissioner shall coordinate with other community
2.27 groups such as the Cultural and Ethnic Communities Leadership Council on activities related
2.28 to health initiatives to promote health protection and disease prevention as it pertains to
2.29 G6PD enzyme deficiency.

2.30 **Sec. 3. RECOMMENDATION.**

2.31 The commissioner of health shall request that the Newborn Screening Advisory
2.32 Committee add G6PD enzyme deficiency to the newborn screening tests.

3.1 Sec. 4. APPROPRIATION.

3.2 \$..... in fiscal year 2018 is appropriated from the general fund to the commissioner of
3.3 health for the purposes of section 2.