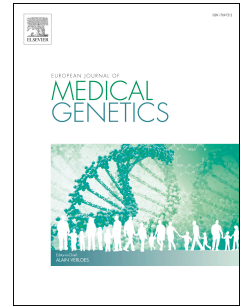


Accepted Manuscript

Expanding the cardiac spectrum of Noonan syndrome with *RIT1* variant: Left main coronary artery atresia causing sudden death

Francis Ramond, Sébastien Duband, Pierre Croisille, Hélène Cavé, Georges Teyssier, Véronique Adouard, Renaud Touraine



PII: S1769-7212(16)30551-1

DOI: [10.1016/j.ejmg.2017.03.009](https://doi.org/10.1016/j.ejmg.2017.03.009)

Reference: EJMG 3271

To appear in: *European Journal of Medical Genetics*

Received Date: 20 December 2016

Revised Date: 7 March 2017

Accepted Date: 22 March 2017

Please cite this article as: F. Ramond, S. Duband, P. Croisille, H. Cavé, G. Teyssier, V. Adouard, R. Touraine, Expanding the cardiac spectrum of Noonan syndrome with *RIT1* variant: Left main coronary artery atresia causing sudden death, *European Journal of Medical Genetics* (2017), doi: 10.1016/j.ejmg.2017.03.009.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Expanding the cardiac spectrum of Noonan syndrome with *RIT1* variant: left main coronary artery atresia causing sudden death.

Francis Ramond¹, Sébastien Duband², Pierre Croisille³, Hélène Cavé⁴, Georges Teyssier⁵, Véronique Adouard¹, and Renaud Touraine¹.

¹ Service de Génétique, CHU-Hôpital Nord, Saint-Etienne, France

² Service de médecine légale, CHU-Hôpital Nord, Saint-Etienne, France

³ Service de Radiologie, CHU-Hôpital Nord, Saint-Etienne, France

⁴ Département de Génétique, Hôpital Robert Debré, Assistance Publique des Hôpitaux de Paris (AP-HP), Paris, France

⁵ Service de Néonatalogie et de Réanimation Pédiatrique, CHU-Hôpital Nord, Saint-Etienne, France

Running Title:

Lethal coronary atresia in Noonan Syndrome

Corresponding Author:

Renaud Touraine, MD

Service de Génétique, CHU-Hôpital Nord, 42055 Saint Etienne cedex 2, France

Phone: +33 4 77 82 81 16

Fax: +33 4 77 82 82 59

e-Mail: renaud.touraine@chu-st-etienne.fr

Download English Version:

<https://daneshyari.com/en/article/5589059>

Download Persian Version:

<https://daneshyari.com/article/5589059>

[Daneshyari.com](https://daneshyari.com)