**Letter of Medical Necessity for the Cutis Laxa Panel**

**Patient Information**

**Date:**

**Patient Name:**

**Patient DOB:**

**Insurance Company Name, Address, City, State:**

**Policy Number:**

**Group Number:**

**ICD10 Codes:**

**Test Information**

**Test Name:** Cutis Laxa Panel

**CPT Codes:** 81479x2

**Laboratory:**

GeneDx, Inc.

(NPI#1487632998 / TAXID#205446298 / CLIA#21D0969951)

207 Perry Parkway

Gaithersburg, MD 20877

Telephone: (301) 519-2100

Fax: (201) 421-2010

This letter is in regards to my patient, [FIRST NAME LAST NAME], to request full coverage for the Cutis Laxa Panel to be performed by GeneDx. It is my professional determination that testing is medically necessary and will have a direct impact on this patient’s treatment and management.

**Patient Clinical and Family History**

This testing is requested due to this patient’s personal medical history, which includes the following clinical findings:

* Add Phenotype
* Add Phenotype
* Add Phenotype

The patient’s family history is negative for related conditions / unknown / remarkable for the following related clinical features:

The patient has previously had the following uninformative genetic and other testing:

* Add test
* Add test
* Add test

**Clinical Evidence and Guidelines for Testing**

The Cutis Laxa Panel includes germline analysis of genes causing overlapping clinical features resulting in a heritable disorder of connective tissue. Panel testing includes both sequencing and deletion/duplication analysis of multiple genes simultaneously.

Cutis Laxa is characterized by redundant, inelastic, and wrinkled skin. Other organ systems may be variably involved and the spectrum of clinical severity ranges from relatively mild to lethal in early childhood. Additional features may include joint hypermobility, pulmonary emphysema, cardiovascular abnormalities, hernias and gastrointestinal diverticuli.1-4  Physical and neurological development may be delayed or abnormal, and some individuals may have dysmorphic features, skeletal abnormalities, or congenital brain malformations.1,3,4 Skin characteristics similar to those seen in cutis laxa may also be present in arterial tortuosity syndrome or occipital horn syndrome.5,6

**Patient Clinical Utility and Medical Management Implications**

Genetic testing can provide important information that is essential for appropriate treatment and management. The skin manifestations of cutis laxa can overlap with those observed in individuals with other genetic disorders that may require different treatment and management than cutis laxa.7 Additionally, cutis laxa can also be an acquired disorder that may occur in conjunction with urticaria, angioedema, local or generalized inflammatory skin disease or drug hypersensitivity reactions.7 Therefore, confirmation of a genetic diagnosis can provide important information regarding prognosis, medical management, and recurrence risk.

Specifically for this patient, the results of this test will also {ADD ADDITIONAL INFORMATION}

**Summary**

The Cutis Laxa Panel at GeneDx is a highly sensitive and cost-effective genetic test. I am requesting coverage for this medically necessary test in order to establish appropriate medical management for this patient. Without testing, treatment would be suboptimal, subjecting this patient to increased morbidity and potentially early mortality.

Thank you for your review and consideration. If you have questions, or if I can be of further assistance, please do not hesitate to call me at (XXX) XXX-XXXX.

Sincerely,

Signature

Ordering Provider’s Name

References:

1. Morava E et al. (2009) Autosomal recessive cutis laxa revisited. Eur J Hum Genet 17(9):1099-110 (PMID 19401719)
2. Callewaert B et al. (2011) New insights into the pathogenesis of autosomal dominant cutis laxa with report of five ELN mutations. Hum Mutat 32(4):445-55. (PMID 21309044)
3. Mohamed M et al. Metabolic cutis laxa syndromes. J Inherit Metab Dis 2011 34(4): 907-916. (PMID 21431621)
4. Kariminejad A et al. Discriminative Features in Three Autosomal Recessive Cutis Laxa Syndromes: Cutis Laxa IIA, Cutis Laxa IIB, and Geroderma Osteoplastica. Int J Mol Sci 2017 18(3):E635. (PMID 28294978)
5. Callewaert B et al. Arterial Tortuosity Syndrome. 2014 Nov 13. In: Pagon RA, Adam MP, Ardinger HH, et al., editors. GeneReviews® [Internet]. Seattle (WA): University of Washington, Seattle; 1993-2015.
6. Kaler S. ATP7A-Related Copper Transport Disorders. 2003 May 9 [updated 2016 Aug 18]. In: Pagon RA, Adam MP, Ardinger HH, et al., editors. GeneReviews® [Internet]. Seattle (WA): University of Washington, Seattle; 1993-2015.
7. Guillard et al. Cutis Laxa. Orphanet encyclopedia, October, 2019, online: <https://www.orpha.net/consor/cgi-bin/OC_Exp.php?Lng=EN&Expert=209>