Request Form Please fill out electronically. If handwritten, write neatly in block letters



Patient's Initials L	Date of Birth		(YYYY)	FOR CENTOGENE USE ONLY – DO NOT COVER –	
Additional Servic	es (optional)			MATERIAL REQUIREMENTS	
FAST processing 1	Prenatal processing ²	Maternal Cell Contamination		Please check material requirements a www.centogene.com/diagnostics/how-to-	
Whole Genome S	Sequencing and Who	le Exome Sequencing			
CentoGenome® (WGS)	Standard (incl. medical report)	☐ Variants (raw data only)	☐ MOx	☐ Prenatal ³	
CentoXome® (WES)	Standard (incl. medical report)	Variants (raw data only)	☐ MOx	☐ Prenatal ³	
Number of patients	Solo (index)	Duo (index+1)	Trio (index+2)	PLUS (additional family member(s) beyond Trio)	
Additional test options (CMA)	CentoArray®				
Medical reporting options	Research findings	Filtered variant file (raw data)	FASTQ (raw data)	BAM VCF (raw data)	nta)
NGS Panel	Panel name	For coloctive panels	additional analyses are	included. For more information please order via C	Contro Dorto In
Multiomic and Bi	ochemical Testing	roi selective paneis	additional analyses are	included. For more information please order via C	entorortal
Multiomics	CentoMetabolic MOx	CentoLSD MOx	CentoMPS MOx	☐ CentoNCL ☐ Cento MOx MOx	Sphingo
Enzyme panels	CentoLSD	☐ CentoMPS	☐ CentoNCL	CentoSphingo	
Biomarkers	AADC deficiency	Fabry disease	Gaucher disease	☐ Hereditary ☐ Niem angioedema disea	ann-Pick se
Single Gene Test	ing Gene name L				
NGS based (CNV included)	Sanger	Del/Dup (MLPA)	Repeat Expansion	Biochemistry (enzymes/biomarkers)	
Carrier Testing					
CentoScreen®	Solo	Duo	Paired	Index Patient] Female
Targeted analysis ⁴	☐ Point Mutation	☐ Del/Dup	Repeat Expan	nsion	
CENTOGENE Index Pa	atient ID		Relative with mu	tation ⁵	
Gene name			Gene name		
c			c.		
p			p		
transcript			transcript		
Genome Wide St	ructural Variant Testi	ing			
CentoArray® (CMA)	☐ Postnatal	☐ Prenatal ²			
Material Info	Sample type				
If tissue sample	Tumor grading L	Tumor cell percentage	Origin of ∟ tissue		
If FFPE tissue	Year of tissue LLL fixation	Type of fixation			

Extra fee per sample – Reduced TAT for CentoXome and CentoGenome to 15 days, CentolCU and Sanger to 10 days, NGS single genes to 20 days
 Before sending any prenatal sample please contact customer.support@centogene.com
 Prenatal processing and maternal cell contamination fees automatically included

For individuals not related to cases performed in CENTOGENE please consult customer support for availability
 Family member with mutation, e.g. "Son"

Patient's Initials L	Date of Birth L	(DD) (MM) (YYYY)		General Request Form
Clinical Patient Info	rmation			
☐ Unaffected ☐	Affected A	ge of onset Years	Months	
Clinical Symptoms	Please tick the appropriate boxe	s 🔲		on can be written on the following page
				faster and more easily on CentoPortal
BLOOD	CNS PHYSIOLOGY	HEAD AND FACE	MOVEMENT/MOTOR FUNCTION	SKELETAL
Abn. ¹ of coagulation Abn. ¹ bleeding	Developmental regression	Craniosynostosis	Areflexia	Increased bone mineral density Kyphosis
	Dysarthria	Depressed nasal bridge	Ataxia	71
Anemia	Dysphagia	Dolichocephaly	Bradykinesia	Limb undergrowth
Hemolytic anemia	EEG abnormality	Epicanthus Frantal bassing	Chorea	Pectus carinatum
Leukocytosis	Focal-onset seizure Generalized-onset seizure	Frontal bossing	Dyskinesia	Pectus excavatum
Leukopenia		High palate	Dystonia Frequent falls	Polydactyly Recurrent fractures
Neutropenia	Global developmental delay	Hypertelorism Long philtrum	Gait disturbance	Reduced bone mineral density
Pancytopenia	Hyperactivity	31		
Thrombocytopenia	Intellectual disability	Low-set ears	Hyperreflexia	Scoliosis
Thrombocytosis	Lethargy	Macroglossia	Hyporeflexia	Skeletal dysplasia
CARDIOVASCULAR	Mental deterioration	Micrognathia	Involuntary movements	Spondylolysis
Abn. ¹ blood vessel morphology	Migraine	Microphthalmia	Peripheral neuropathy	SKIN/NAILS/HAIR
Abn. ¹ heart valve morphology	Motor delay	Midface retrusion	Polyneuropathy	Abn.1 hair morphology
Arrhythmia	Neurodegeneration	Ptosis	Positive Romberg sign	Abn. ¹ of skin morphology
Atrial septal defect	Neurological speech impairment	Retrognathia	Spastic paraparesis	Angiokeratoma
Bradycardia	Obsessive-compulsive behavior	Short neck	Spastic paraplegia	Anhidrosis
Cardiomyopathy	Parkinsonism	HEARING	Spasticity	Cafe-au-lait spot
Congestive heart failure	Seizure	Hearing impair. ³	Tremor	Hirsutism
Dilated cardiomyopathy	Sleep disturbance	Sensorineural hearing impair. ³	MUSCLE/JOINT	Hyperextensible skin
Hypertension	Stereotypy	Conductive hearing impair. ³	Calf muscle pseudohypertrophy	Hyperpigmentation of the skin
Hypertrophic cardiomyopathy	DIGESTIVE SYSTEM	Conductive flearing impair.	Flexion contracture	Hypertrichosis
Left ventricular hypertrophy	Ascites	KIDNEY	Gowers sign	Hypohidrosis
	Cholestasis	Chronic kidney disease	Hip dysplasia	Hypopigmentation of the skin
Myocardial infarction Patent ductus arteriosus	Cirrhosis	Focal segmental	Hypertonia	Ichthyosis
	Constipation	glomerulosclerosis	Hypotonia	I Island
Patent foramen ovale	Diarrhea	Hydronephrosis	Joint hypermobility	VARIOUS
Pulmonary arterial hypertension	Gastroesophageal reflux	Hyperechogenic kidneys	Joint laxity	Abn. ¹ external genitalia
Tachycardia	Hepatic failure	Nephrolithiasis	Lower limb muscle weakness	Ambiguous genitalia
Ventricular septal defect		Nephrotic syndrome	Multiple joint contractures	Cryptorchidism
CNS MORPHOLOGY	Hepatic steatosis	Polycystic kidney dysplasia	Muscle weakness	Diabetes mellitus
Abn.¹ CNS myelination	Hepatitis	Renal cyst		Hypospadias
Abn.¹ of cerebral white matter	Hepatomegaly	Renal hypoplasia/aplasia	Muscular dystrophy	Hypothyroidism
Agenesis of the corpus callosum	Hernia of the abdominal wall	Renal insufficiency	Myopathy	Immunodeficiency
Brain atrophy	Jaundice	Renal tubular dysfunction	Myotonia	Paresthesia
Cerebellar atrophy	Nausea		Progressive muscle weakness Proximal muscle weakness	Recurrent fever
Cerebellar hypoplasia	Pancreatitis	METABOLISM		Recurrent infections
Cerebral ischemia	Splenomegaly	Albuminuria	Rigidity	Sensory impairment
Encephalopathy	Vomiting	Aminoaciduria	Skeletal muscle atrophy	
	GROWTH	Elev. ² hepatic transaminases	Talipes equinovarus	VISION
Hypoplasia of the corpus callosum	Decreased body weight	Elev. ² serum creatine kinase	RESPIRATORY	Abn. ¹ of eye movement
Leukodystrophy	Failure to thrive	Elev. ² serum creatinine	Apnea	Abn. ¹ cornea morphology
Macrocephaly	Growth delay	Elev. ² alkaline phosphatase	Asthma	Cataract
Microcephaly	Intrauterine growth retardation	Hyperammonemia	Dyspnea	Corneal opacity
Stroke	Obesity	Hyperbilirubinemia	Pulmonary hemorrhage	Glaucoma
Ventriculomegaly	Overgrowth	Hypercholesterolemia	Pulmonary hypoplasia	Nystagmus
ventriculornegaly	Premature birth	Hyperglycemia	Recurrent respiratory infections	Ophthalmoplegia
CNS PHYSIOLOGY	Short stature	Hypertriglyceridemia	Respiratory insufficiency	Optic atrophy
Aggressive behavior	Tall stature	Hypocalcemia		Reduced visual acuity
Attention deficit		Hypoglycemia	SKELETAL	Rod-cone dystrophy
hyperactivity disorder	HEAD AND FACE	Hypokalemia	Abn. ¹ vertebral morphology	Strabismus
Autistic behavior	Abn.¹ facial shape	Hyponatremia	Abn. ¹ of limb bone morphology	Visual impairment
Behavioral abnormality	Abn.1 of the dentition	Hypophosphatemia	Abn.1 of the ribs	Visual loss
Bilateral tonic-clonic seizure	Brachycephaly	Lactic acidosis	Arachnodactyly	
Cognitive impairment	Cleft lip	Metabolic acidosis	Brachydactyly	
Delayed speech/language	Cleft palate	Proteinuria	Clinodactyly	¹ Abn. = Abnormal / Abnormality
Dementia	Coarse facial features	Respiratory alkalosis	Dysostosis multiplex	² Elev. = Elevated ³ Impair. = Impairment
				the state of the s

Further clin	nical information attached					
Family Histo	pry					
Is there family h	history of a similar condition?	☐ Yes	☐ No	Unknown		
Are there affect	ted siblings?	☐ Yes	☐ No	☐ No siblings		
Is patient in a c	onsanguineous marriage?	☐ Yes	☐ No	Unknown		
Are patient's pa	arents consanguineous?	Yes	☐ No	Unknown		
☑ Ø Decease						
Affe	ed ected individuals affected individuals					
Affe	ected individuals affected individuals	nples Suh	omitted			
Affe	ected individuals affected individuals mation for Additional Sar			of this relative's findings		
Affe	ected individuals affected individuals mation for Additional Sar			of this relative's findings		
Family Inforr	ected individuals affected individuals mation for Additional Sar			of this relative's findings		
Affe	mation for Additional Sar		ach summary	of this relative's findings		
Family Informulation Father Last Name First Name	mation for Additional Sar Unaffected A (DD) (MM) (Y)	offected – att	each summary	ole Collection		
Family Information Father Last Name First Name Date of Birth	mation for Additional Sar Unaffected A (DD) (MM) (Y)	offected – att	each summary	ole Collection (DD)		
Family Information Father Last Name First Name Date of Birth Mother	mation for Additional Sar Unaffected A (DD) (MM) (Y)	offected – att	each summary	ole Collection (DD)		
Family Information Father Last Name First Name Date of Birth Mother Last Name	mation for Additional Sar Unaffected A (DD) (MM) (Y)	offected – att	sach summary Sam Sach summary	ole Collection (DD) (DD) of this relative's findings		
Family Information Father Last Name First Name Date of Birth Mother Last Name First Name	mation for Additional Sar Unaffected	offected – att	sach summary Sam Sach summary	ole Collection (DD)		
Family Information Father Last Name First Name Date of Birth Mother Last Name First Name	mation for Additional San Unaffected (DD) (MM) (Y) (DD) (MM) (Y) (DD) (MM) (Y)	Affected – att	Sam sach summary	ole Collection (DD) of this relative's findings		
Family Information Father Last Name First Name Date of Birth Mother Last Name First Name Date of Birth	mation for Additional San Unaffected (DD) (MM) (Y) (DD) (MM) (Y) (DD) (MM) (Y)	Affected – att	Sam sach summary	ole Collection (DD) of this relative's findings ole Collection (DD)		
Family Information Father Last Name First Name Date of Birth Mother Last Name First Name Additional Fame	mation for Additional San Unaffected (DD) (MM) (Y) (DD) (MM) (Y) (DD) (MM) (Y)	Affected – att	Sam sach summary	ole Collection (DD) of this relative's findings ole Collection (DD)		

Last Name First Name									
Date of Birth		/	(DD/MM/)	VVV)	Genetic Sex		☐ Male	☐ Fen	nale
Reference No.				,	Sample Collec	tion		/	
							(DD)	(MM)	(YYYY)
-	Laboratory – Reportin	ng address							
Physician Nam	ne* Landania								
Clinic Name*									
Department									
Street									
Town									
Postal Code				Country* L					
Phone									
E-Mail*									
Additional R									
Name Physicia	nn* L								
Clinic Name*									
Department									
Street									
Town									
Postal Code			(Country* L					
Phone									
E-Mail*									
I hereby confir	rm that the patient consented	to forward the medica	al report to th	nis additional repo	rt recipient.				
						Р	romo Cod	le – If applica	able
Billing	Quotation No. L								
Invoice To	☐ Patient**	Institution	n [Insurance	- Please attach co	st coverage	authorization		
Company									
Department									
Consignee									
Street									
Town									
Postal Code				Country L					
Phone									
THOTIC									
VAT ID***									

^{*} Mandatory
*** Mandatory for institutional customers in the EU

Diagnostics — Information Sheet



Dear Patient,

Your physician recommends a biochemical and/or genetic analysis ("Analysis") for you or the patient for whom you are the custodian or legal guardian ("you" or "Patient") for a possible diagnosis of the disease stated in the "Informed Consent Form" below.

CENTOGENE shall only perform the Analysis. It remains the sole responsibility of the treating physician to interpret the result(s) of such Analysis and to inform you or the Patient of the results of the overall genetic testing.

In the following we shall inform you or the Patient about the testing procedure, possible results, and potential risks. You or the Patient may wish to consult with a genetic counselor before signing the Informed Consent Form.

The Analysis aims to identify the cause of a suspected disease by analyzing biological material of the Patient, including but not limited to genetic material ("DNA") for an abnormal change ("Variant") which eventually could explain the disease that the Patient or family members are suffering from. DNA encodes the relevant genetic information necessary for the development, function, growth and reproduction of humans. Depending on the case, the Analysis will look for a single gene/variant responsible for a specific, suspected genetic disease, or Variants in multiple genes (gene panels, whole exome or genome sequencing) at the same time.

The sample required for the Analysis may be biological material, typically blood, but may also be purified DNA, tissue, saliva or buccal swab, or raw DNA sequencing data, representing the genetic information from such biological material and in which case CENTOGENE does not perform the processing of the biological material, but receives only the resulting raw data files (each, together or separately a "Sample") or a combination of Samples, e.g. biological material and raw DNA sequencing data.

Possible results from the genetic analysis

- A disease-causing Variant is identified which confirms the diagnosis by the physician or helps the physician to determine a diagnosis. The physician is solely responsible for determining a diagnosis and will discuss the results with you or the Patient and may suggest appropriate medical treatment if available
- A Variant is identified but currently, there is not enough scientific and/or medical information available to determine whether this is a diseasecausing variant or not. The physician will discuss the results with the Patient and will explain what further options may be available
- The Analysis does not identify relevant Variants which can explain the symptoms. This might be due to current limitations in scientific and/or medical knowledge and/or technology. However, such results do not rule out in full the possibility of a genetic disease or predisposition to such a disease

Family relationship findings

If several family members are tested, accurate interpretation of the results depends on the information provided concerning familial relationships. If the Analysis reveals that reported familial relationships are not true biological relationships, we will only report such findings in the results where it is necessary for the correct medical interpretation of the requested Analysis.

Reanalysis

Diseases, genes and Variants are subject to ongoing scientific research, thus it may be beneficial to re-evaluate your or your Patient's Sample ("Reanalysis"), when new findings have been discovered. Hence, if related to your or your Patient's health status, CENTOGENE may review your or your Patient's Sample for clinically relevant Variants, whereas only the raw DNA sequencing data will be subject to a Reanalysis. If any results are being found differently than in the original report, this information will be stated in an updated report to you or the treating physician. There is also a possibility to actively request a Reanalysis of the Sample by you or your Patient in the absence of new clinical information (whereas it is recommended to wait at least one year from the original Analysis) or any time when a Patient presents a new phenotype.

Only relevant for Whole Exome Sequencing (WES) and Whole Genome Sequencing (WGS)

When performing WES and WGS, numerous Variants in various genes are simultaneously analyzed. Due to the nature of this Analysis, it is possible that a pathogenic Variant discovered unintentionally is not related to the cause of the investigated disease but is still considered medically relevant due to its clear and immediate medical significance to you or the Patient's health or the health of family members. In this regard thefollowing findings may occur:

- (1) The American College of Medical Genetics ("ACMG") has published guidelines for the reporting of findings, which are known as "Secondary Findings" (formerly "Incidental Findings"). Please refer to the latest version of the "ACMG Recommendations for Reporting of Secondary Findings in Clinical Exome and Genome Sequencing" at www.acmg.net. These recommendations form the basis for CENTOGENE's reporting of Secondary Findings.
- (2) In addition, CENTOGENE may consider reporting further non-ACMG recommended findings, which are called "Carriership Findings". Carriership Findings include mainly findings indicating carrier status for recessive disorders, provided these Variants have been subject to CENTOGENE's prior evaluation.

While the Carriership Findings are not included within the ACMG recommendations, these findings can still help to prevent or significantly reduce morbidity and mortality. Interpretation of the Variants/carrier status is based on information available at the time of the Analysis and may change in the future as medical knowledge advances. We are unable to guarantee that the Analysis will find all medically actionable conditions for which a pathogenic or likely pathogenic Variant might exist. Secondary and/or Carriership Findings will only be reported if consent is given by you or the Patient.

Potential risks

- (1) If a blood sample is provided, there can be transient secondary bleeding and pain at the spot of the puncture and, rarely, local allergic reactions; the puncture can also result in bruising. However, these effects usually go away quickly. In very rare cases, the needle can damage a blood vessel or injure a nerve. Nevertheless, the spot of the puncture usually heals with no permanent effects. There are no further health risks associated with the Analysis.
- (2) The communication of the results of the Analysis may result in psychological stress for you or the Patient and family members.
- (3) If (optional) consent has been provided accordingly below, your or the Patient's biochemical, genetic, and health data, including results of the Analysis may be shared with external doctors, scientific institutions, and/or (pharmaceutical) companies for their own scientific (including commercial) research, but solely in de-facto anonymized form. Nevertheless, the risk of re-identification of you or the Patient as a person cannot be completely excluded in theory, due to the uniqueness of genetic information. Such risk increases if and to the extent more information about you or the Patient is publicly available and can be linked to you or the Patient. Therefore, we recommend to handle such information with care, and not to publish in freely accessible databases or elsewhere on the internet (e.g. for ancestryresearch), particularly not with any direct information or link to you or the Patient.

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Data Protection Notice

CENTOGENE GmbH, Am Strande 7, 18055 Rostock, Germany ("CENTOGENE", "we" or "us") acts as the responsible controller for the collection, use, storage, or disclosure ("processing") of your or the Patient's personal data. "Personal data" means any information relating to an identified or identifiable natural person. If you have any questions on CENTOGENE's data processing or want to make use of your or the Patient's data protection rights, you can contact our data protection officer directly at the address above with the addition: Attn: Data Protection Officer, or via email at dataprivacy@centogene.com.

Data processing

We collect a Sample and other personal data, including first name, last name, address, date of birth, gender, family relations, ethnicity, nationality, insurance information, Patient code number (CGXXXXXXXX), disease, symptoms, and other medical information, including image material if provided (Art. 6 para. 1 a); Art. 9 para. 2 a) GDPR), which will then be processed in our databank. The Sample is analyzed using state-of-the-art scientific methods and the extracted data is processed with the collected data in our databank. We then provide the results containing biochemical, genetic and health data to you or the treating physician. Unless you consent otherwise as set out below, this data will be anonymized, which means that it will not be possible to reidentify you or the patient. However, the data may be of scientific importance when improving diagnosis and treatment of rare diseases, including scientific publications.

Data storage

We archive the personal data and Sample for up to 10 years after the last result has been reported. We delete or anonymize the personal data and destroy the biological material thereafter if this has not already happened. You or the Patient also have/has the option to process the personal data and donate the Sample for scientific (including commercial) research purposes. Then, personal data and Sample will be stored for up to 20 years after the last result has been reported. After this 20-year period has passed, the Sample may be anonymized and stored in our archive in anonymized form for further scientific (including commercial) research purposes.

Recipients of personal data

In principle, we process personal data ourselves. Any transfer of personal data to a third party only takes place (1) with either explicit consent, (2) in order to fulfil a legal obligation or (3) if such transfer is permitted by law:

- We use third-party services, e.g. IT-service providers that maintain our systems or data centres which host such systems. Such third-party services are considered as data processors under GDPR. These data processors are carefully selected, contractually bound to comply with data protection laws, subject to our instructions and regular monitoring and only allowed to use the data they receive to fulfil their contractual obligations. We always conclude GDPR-compliant data processing agreements with such data processors
- If consent has been provided accordingly, we may provide biochemical, genetic and health data, including results of the Analysis – solely in defacto anonymized form – to external physicians, scientific institutions and/or (pharmaceutical) companies for their own scientific (including commercial) research
- We provide the results of the Analysis and if requested the raw DNA sequencing data to the treating physician and/or eventually to the requesting laboratory and may provide the results of the Analysis to other health care professionals who are involved in your or the Patient's medical counseling and/or clinical care

International data transfer

The Sample will be analyzed and processed in Germany. In principle, we process personal data solely within Germany, the European Union, and the European Economic Area ("EEA"), where GDPR-provisions apply. If the treating physician, and other recipients are located in a so-called third country outside the EEA where GDPR provisions do not apply, your or the Patient's personal data shall be transferred to this third country. Such transfer will only take place with your or the Patient's consent.

If we engage a data processor based outside the EEA, we may transfer the personal data to such third country, provided that, either (1) the European Commission has decided that this third country already provides an adequate level of data protection or (2) we establish appropriate data protection safeguards with the data processor, e.g. by concluding so-called "standard contractual clauses", respectively including supplemental clauses containing additional safeguards. In such cases, you or the Patient have/has a right to request a copy of these "standard contractual clauses". To do so, please contact our data protection officer.

Your/the Patient's data protection rights under the GDPR:

- Right to withdraw your consent regarding data processing with future effect
- · Right of access
- Right to data portability
- Right to rectification
- · Right to erasure
- · Right to restriction of processing
- · Right to object
- Right to lodge a complaint with a supervisory authority

Additional rights under the German Genetic Diagnostics Act (Gendiagnostikgesetz) are:

- Right to withdraw your or the Patient's consent to the Analysis (until such has been performed)
- Right to request destruction of the Sample (as long as it has not yet been anonymized)
- Until the moment you or the Patient has been given the results of the Analysis, the right not to be informed about such results in full or in part (right not to know); and the right to request destruction of all such results

To exercise the rights, please contact our data protection officer.

Disclaimer:

Please note that biochemical and/or genetic analysis are not definitive. Due to limitations in technology and/or incomplete medical knowledge, some disease-causing variants may not be detected. Therefore, it is not possible to completely exclude all risks for all possible genetic diseases. Moreover, in some cases, the Analysis may indicate a genetic abnormality when you or the Patient are/is actually unaffected (false positive) or may indicate no genetic abnormality when you or the Patient are/is actually affected (false negative).

IN CASE OF THE UNDERLYING CAUSE OF A FALSE-POSITIVE OR FALSE-NEGATIVE FINDING COULD NOT BE IDENTIFIED BY CENTOGENE, CENTOGENE SHALL NOT BE RESPONSIBLE FOR THE INCOMPLETE, POTENTIALLY MISLEADING OR INCORRECT RESULT OF AN ANALYSIS.



Diagnostics - Informed Consent Form

Suspected Disease (to be completed by the treating physician)

With my signature below, I confirm or confirm on behalf the Patient for whom I am the custodian or legal guardian (hereinafter, "I" or "the Patient") that I or the Patient have/has received, read and understood the preceding written explanation about the biochemical and/or genetic analysis ("Analysis"). I or the Patient have/has been adequately informed regarding the purpose, scope, type and significance of such analysis, possible results and possible risks. The responsible physician has informed me or the Patient about possible prevention/treatment measures of the suspected disease. Furthermore, I confirm that I have had sufficient opportunities to ask questions and such questions were answered in an understandable manner and to my or the Patient's full satisfaction.

Consent to the Biochemical and/or Genetic Analysis and Related Data Processing

By signing this Informed Consent Form, I consent or consent on behalf the Patient for whom I am the custodian or legal guardian

(1) to an Analysis of my or the Patient's Sample by CENTOGENE GmbH, Am Strande 7, 18055 Rostock, Germany ("CENTOGENE") for a possible diagnosis of the disease specified above; (2) to the processing of my or the Patient's personal data to perform such Analysis, as specified in the Information Sheet; (3) to provide the results of the Analysis to the treating physician and to be informed by the treating physician of the results of the Analysis; (4) to provide the results of the Analysis to health care professionals, who are involved in my or the Patient's medical counseling and/or clinical care, if so requested by the treating physician; (5) to provide the results of the Analysis to the requesting laboratory, as instructed by the treating physician; (6) to provide raw DNA sequencing data of the Analysis, upon request, to the treating physician and/or the requesting laboratory; and (7) to store the personal data and the Sample for up to 10 years after CENTOGENE has reported the last result and to anonymize the personal data.

Furthermore — if the following recipients are located in a so-called third country outside the European Economic Area, where GDPR provisions do not apply — I consent to the transfer of my or the Patient's personal data to this third country, in particular (1) to provide the results of the Analysis and the raw data to the treating physician and/or the requesting laboratory; and (2) to provide the results of the Analysis to the health care professionals who are involved in my or the Patient's medical counseling and/or clinical care. I acknowledge that such third country may not provide a level of data protection equivalent to the GDPR and may grant fewer or less enforceable data protection rights and no independent data protection supervisory authority to assist in exercising these rights.

Optional Consent for Reporting of Secondary (Incidental) and/or Carriership Findings

Only relevant for Whole Exome Sequencing (WES), and Whole Genome Sequencing (WGS)

I understand the significance of Secondary and/or Carriership Findings and consent, that CENTOGENE

(1) reports the ACMG recommended Secondary Findings.	☐ YES
(2) reports further non-ACMG recommended Carriership Findings.	☐ YES

I am aware that CENTOGENE — at its own discretion — may refrain from reporting the Secondary and/or Carriership Findings.

Optional Consent to Further use of the Sample and Personal Data

I understand that my or the Patient's Sample and personal data may enable CENTOGENE to develop and improve diagnostic methods and therapeutic solutions for genetic diseases in general. This may help myself, my family members, and other patients in the future. However, such voluntary consent is not necessary to conduct the Analysis as specified above.

I acknowledge that I or the Patient will not receive any compensation for the donation of the Sample and provision of personal data. I waive any claims for compensation, royalties, or other financial benefits that may arise from scientific (including commercial) research usage of the Sample and personal data.

- (1) I consent to the usage of my or the Patient's Sample and personal data by CENTOGENE for scientific (including commercial) research, which focuses on the cause, early detection and/or treatment of rare diseases in general. I acknowledge that the Sample and data will be used in the interest of the greatest possible benefit to the general public for research which aims to improve the prevention, detection and treatment of rare diseases. Such includes but is not limited to disease areas such as metabolic disorders, neurodegenerative disorders, cardiac disorders and malformations as well as to diseases and genetic relationships that are still unknown today. As in any research on rare diseases particularly due to the latest findings in genetic diagnostics it is usually not possible to predict in detail which research questions and matters will be addressed in the future. Therefore, the specific research purpose cannot be detailed herein, and the Sample and data may also be used for medical research projects that cannot be foreseen today.
- (2) I consent that CENTOGENE shares my or the Patient's biochemical, genetic, and health data, including the results of the Analysis solely in de-facto anonymized form with external doctors, scientific institutions, and/or (pharmaceutical) companies for their own scientific (including commercial) research. I acknowledge that "de-facto anonymized" means that the data available at CENTOGENE is altered in such a way, including redaction and removal of any pseudonyms, that re-identification of me or the Patient as a person for any further recipient of the data is practically impossible. However, the confidentiality risks described in the Information Sheet persist.
- (3) I consent that CENTOGENE stores my or the Patient's Sample and personal data for 20 years after the last result has been reported and I hereby donate and transfer ownership of my or the Patient's Sample to CENTOGENE for further scientific (including commercial) research, which focuses on the cause, early detection and/or treatment of rare diseases in general. I acknowledge that after 20 years once the identifying data was deleted the Sample will become anonymized and will remain in CENTOGENE's archive in anonymized form for such scientific (including commercial) research. In anonymized form means, that CENTOGENE cannot identify me or the Patient as a person from such Sample anymore.

☐ YES

effect for the future. Untinformed about such res	vime. Furthermore, the destruction of the Sample can be reques ill the moment the results of the Analysis have been provided to sults (so called right not to know); and (2) to request the destructi CENTOGENE's data protection officer.	me or the Patient, I understand that	at I have the rig	ht (1) not to be
Date	Name and date of birth (DD.MM.YYYY) of the Patient	Signature of the Patient, and/or cus	stodian/legal gua	ardian
			• • • • • • • • • • • • • • • • • • • •	
For Duo and Trio (on	ly applies to additional Patient(s) 2 and 3)			
	information on the optional consents as described above. her use of the Sample and personal data			
commercial) resea (2) I consent that CEN Analysis — solely ir companies for thei (3) I consent that CEN has been reported	isage of my or the Patient's Sample and personal data by CEN irch, which focuses on the cause, early detection and/or treatme TOGENE shares my or the Patient's biochemical, genetic, and heal in de-facto anonymized form — with external doctors, scientific instition own scientific (including commercial) research. NTOGENE stores my or the Patient's Sample and personal data and I hereby donate and transfer ownership of the Patient's Sarg commercial) research, which focuses on the cause, early deal.	nt of rare diseases in general. th data, including the results of the citutions, and/or (pharmaceutical) for 20 years after the last result ample to CENTOGENE for further	Patient 2	Patient 3 (if applicable) YES
	Reporting of Secondary (Incidental) Findings			
	Exome Sequencing (WES), and Whole Genome Sequencing (WG ance of Secondary Findings and consent, that CENTOGENE	SS)		
reports the ACMG rec	ommended Secondary Findings.		Patient 2 ☐ YES	Patient 3 (if applicable) YES
I am aware that CENTOG	GENE — at its own discretion — may refrain from reporting the Sec	condary (Incidental) Findings.		
Date	Name and date of birth (DD.MM.YYYY) of the Patient 2	Signature of the Patient 2, and/or c	ustodian/legal g	uardian
•••••••		•••••		
Date (if applicable)	Name and date of birth (DD.MM.YYYY) of the Patient 3 (if applicable)	Signature of the Patient 3, and/or custo	odian/legal guardia	an (if applicable)
Patient to sign the inf	quires informed consent from your Patient to be able to perfo formed consent form. Alternatively, please confirm with your signt nt on file. Subsequently, please send the completed and signed	gnature that the Patient has conse	nted according	ly and that
Physician's Confirma	ation			
and/or custodian's/lega (4) all questions of the P time to consider the dec testing results. I underst	ne consent as shown above has been declared by the Patient and all guardian's signature on file if it is not shown above, (3) the Patient and/or custodian/legal guardian have been answered, (5 cision, and (6) the Patient and/or custodian/legal guardian unt and that (1) the Patient and/or custodian/legal guardian may express to CENTOGENE without undue delay.	ent and/or custodian/legal guardia) the Patient and/or custodian/leg I now have not exercised the right	n is capable of al guardian had not to be infor	giving consent, I the necessary med of genetic
Date	Name of the treating physician	Signature of the treating physician		

I understand that the consent(s) is/are voluntary and valid until such time as I choose to withdraw consent. The consent with regard to the Analysis and the optional consent for Secondary and/or Carriership Findings can be withdrawn until such has been performed; and (2) the processing of the personal data





