

# THINK OF ASMD (Niemann-Pick Disease A, A/B and B) IN YOUR DIFFERENTIAL DIAGNOSIS

There is an overlap of symptoms with GAUCHER DISEASE<sup>1</sup>

## COMMON SIGNS AND SYMPTOMS<sup>2</sup>

### NEUROLOGICAL MANIFESTATIONS

- No neurodegeneration
- Range from mild hypotonia/hyporeflexia to loss of motor function, cognitive impairment

### HEMATOLOGIC ABNORMALITIES

- Thrombocytopenia
- Anemia and leukemia
- Easy bruising and excessive bleeding

### SPLENOMEGALY / HEPATOMEGALY

- Liver fibrosis
- Liver dysfunction (elevated ALT and AST)

### SKELETAL DISEASE

- Back, limb or joint pain
- Osteopenia and osteoporosis
- Skeletal fractures
- Growth delay in adolescents
- Decreased BMC and BMD in pediatric patients

### EYES

- Macular cherry-red spots

### PULMONARY DISEASE

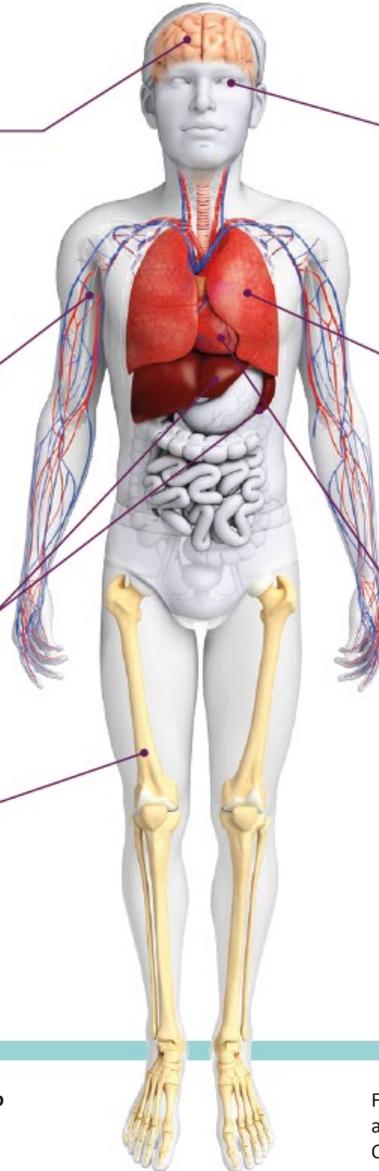
- Interstitial lung disease
- Respiratory infections

### CARDIAC DISEASE

- Cardiac valve disease
- Mixed dyslipidemia early in disease course
- Coronary artery disease

### OTHER

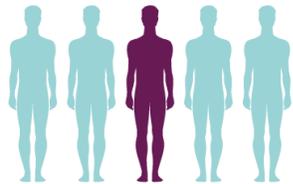
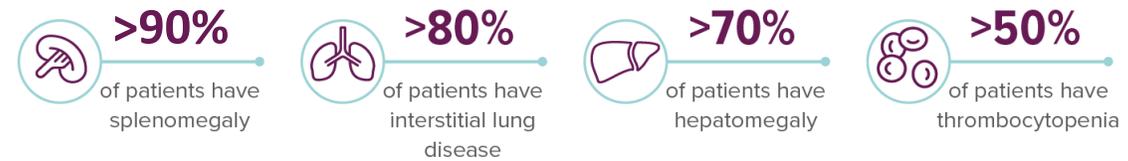
- Headache
- Recurrent ear infections
- Delayed growth and puberty
- Fatigue



# DIAGNOSIS OF ASMD IN PATIENTS WITH SPLENOMEGALY AND/OR HEPATOMEGALY

## EARLY DIAGNOSIS IS CRITICAL

to successful management of the disease<sup>1</sup>  
**SUSPECT ASMD IN CASE OF (any combination)<sup>2</sup>**



**OF 5 PEOPLE YOU SUSPECT OF HAVING GAUCHER DISEASE, ~1 HAS ASMD<sup>3</sup>**

Because common symptoms of Gaucher disease and ASMD overlap.<sup>1</sup>

## PARALLEL TESTING

for Gaucher disease and ASMD<sup>1</sup>

## ASMD

- Lysosomal storage disease with a singular cause: enzyme deficiency (acid sphingomyelinase) leading to accumulation of sphingomyelin<sup>2</sup>
- Serious and progressive disease with autosomal recessive inheritance<sup>2</sup>
- Affects both pediatric and adult patients<sup>2</sup>
- Potentially life threatening and often leads to premature death<sup>2</sup>

**DIAGNOSTIC TESTING FOR ASMD IS SIMPLE AND STRAIGHTFORWARD<sup>1</sup>**

