## MPS Society's Role in the Shortages of Fabrazyme and Cerezyme

The Society for Mucopolysaccharide Diseases

MPS House Repton Place White Lion Road Amersham HP7 9LP Tel: 0845 3899901



Compiled and presented by Christine Lavery MBE

www.mpssociety.org.uk

## Managing Drug Supply



www.mpssociety.org.uk

## Managing the Shortage for Patients





Dose Reduction



# If the worst happens - Managing Communications



### Communicating on behalf of the Fabry Community

The purpose of each meeting was to receive expert opinion from regulators, payers, clinicians, Genzyme, Shire and patient representatives on

- To understand the current situation of ERT for Fabry disease
- the estimated period of time that a further shortage of ERT is expected (the critical period) based on data provided by Genzyme and Shire.
- temporary treatment recommendations on prioritization of patients to receive ERT during shortage
- follow-up recommendations of patients during and after the critical period

MPS research awareness Wicked www.mpssociety.org.uk



<sup>\*)</sup> Age of onset is the perceived age at which symptoms occured which can be attributed to Fabry disease.

## UK Fabry Member's Survey

#### At the time of the Survey

88 Fabry patients responded from 12 specialist centre

21 were on Frabrazyme; 46 were on Replagal; two on the AT1001 clinical trial and 19 were not receiving treatment

#### About the 39 who were on Fabrazyme at the start of the Shortage

8 continued on normal dose of fabrazyme

12 went onto a reduced dose of Fabrazyme

1 Stopped Fabrazyme and did not go onto Replagal

18 switched to Replagal from Fabrazyme between June 2009 and March 2010

#### How did you find out about the Fabrazyme Shortage?

18 by the MPS Society10 were told by their Fabry Specialist;9 by the nurse at their Fabry Specialist Centre5 by their ERT Homecare Company



## Impact of Drug Shortage for Patients

In the Survey Patients

Reported the following impacts

- Uncertainty
- Anxiety
- Disease Progression
- Infusion Reactions



Most learned about the Fabrazyme ® shortage in 2009 many in June when production problems first emerged. Germany Belgium/Netherlands and the US are among the earliest to learn of problems.



Patients have learned about the shortage primarily through Genzyme, patient organisations and doctors. They would prefer to receive updates from the same sources, but doctors and patient organisations more.

#### Sources of Information About the Supply Shortage



Most on Fabrazyme® before the shortage received a reduced dose during the shortage. About a third were taken off Fabrazyme®. Few got full doses.



## Lessons to be Taken Forward

- Rigorous Risk Management
- Transparency of Scale of Problem
- Integrity of Communication
- Up to Date Clinical Guidelines
- Excellent Data Management

support

research

MPS

## The Orphan Drug Act and Vulnerable Patients

Orphan drug legislation has really opened the door to treatment for rare diseases. However in the case of the Fabry drug shortage had there not been an alternative treatment option the situation would have been clinically devastating to patients around the world.





www.mpssociety.org.uk

support

awarenes

research

MPS