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THE HEART OF MEDICAL EDUCATION



ACCREDITED PANEL DISCUSSION

Normalising Haemostasis in Haemophilia

A New Standard of Care

September 2023

Acknowledgement and Disclosures

This e-learning programme is supported through an independent educational grant from Sobi. The programme is therefore independent, the content is not influenced by the supporter and is under the sole responsibility of the experts.

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Expert Disclosures:



Assoc. Prof. Jan Blatný has received grants, research support, lecture honoraria, consultation fees from: CSL Behring, Novonordisk, Roche, Sobi, Takeda, Roche



Prof. Pål André Holme has received grants, research support, lecture honoraria, consultation fees from: Bayer, Biomarin, NovoNordisk, Pfizer, Sobi, Takeda



Prof. Niamh O'Connell has received grants, research support, lecture honoraria, consultation fees from Bayer, Bristol-Myers Squibb, CSL Behring, Freeline, NovoNordisk, Pfizer, Roche, SOBI/Sanofi, Takeda, UniQure



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The Therapeutic Landscape for Haemophilia A is Evolving



The initial goal of treatment was to achieve factor trough levels of ≥1%1

Following the introduction of EHL factor products, target trough levels were raised to $>3-5\%^{2,3}$

EHL: extended-half life. FVII: Factor VIII Figure adapted from Mannucci et al.³ 1. Skinner, M.W. et al. Haemophilia 2020; 26:17-24. 2. Srivastava, A. et al. Haemophilia 2020; Suppl 6:1-158. 3. Mannucci, P.M., Haematologica 2020; 105:545-553

- Gene therapies
- New class of FVIII therapy
- Non-replacement and rebalancing therapies

Normalising haemostasis?

New treatment options can now achieve haemostasis comparable to mild haemophilia or even haemophilia-free individuals³

Path Towards Improved Standards of Care and Health-**Related Quality of Life**



Alignment of clinical target and patient-relevant outcomes is a necessary step towards achieving health equity

Patient relevant outcomes



Level of Protection

Figure adapted from Skinner et al.¹ 1. Skinner, M.W. et al. Haemophilia 2020; 26:17-24

Why is Normalisation Important to People with Haemophilia?

An aspirational and visionary standard of care

Normalisation of haemostasis¹

By normalising haemostasis, additional treatment for high-risk situations may no longer needed

Normalising haemostasis prevents subclinical bleeding, halting any deterioration in joint health

Normalisation of life¹

Preservation of joint health should stop the development (or progression) of chronic pain

Patients can confidently take part in all physical and social activities, leading to better joint health and improved HRQoL

Patients will spend less time thinking about their illness and more time living their lives

HRQoL: health-related quality of life 1. Holme, P.A. et al., 2023 unpublished manuscript

How Can We Achieve Normalisation?

The innovation of novel treatments, including new class factor replacement therapy, non-replacement and rebalancing treatments and gene therapy have resulted in improved bleed and joint protection for patients with haemophilia A

These strategies offer different mechanisms of actions, characteristics, and clinical implications while offering improved protection from bleeding

care



A therapy option with a simple dosing schedule may result in simpler clinical decision making

Increased adherence will empower patients to proactively manage their haemophilia and HCPs and MDTs will instead focus on the management of comorbidities



Normalisation requires a holistic approach to treatment and care provided by integrated and effective MDTs, regardless of the modality of treatment

HCP, health care provider; MDT, multi-disciplinary team. Experts' opinion

Harnessing these strategies should close the gap between currently accepted activity targets and elevate the standard of

How Can We Elevate the Standard of Care in Haemophilia A?

Aim for excellent protection from bleeds with reduced treatment burden, using advanced therapeutic options where available

Take the person's stage of life into account: treatment needs can change as the patient grows older and different stages of life are associated with different needs

Use a personalised approach and empathically listen to patient feedback, in order to fully understand their experience of the disease, preferences, goals and aspirations

Monitoring outcome **measures** by regular follow - up, such as ABR, HJHS, imaging (ultrasound, MRI) , HRQol and pharmacokinetic measurements

ABR: Annual Bleeding Rate. MRI: Magnetic Resonance Imaging. Experts' opinion. HJHS: Haemophilia Joint Health Score

When taking treatment decisions, take any haemophilia - related complications (such as inhibitor status. joint health, mobility restrictions and chronic pain) and co - morbidities (including depression , anxiety) into account

Elevating the Standard of Care in Haemophilia A – What to Consider:



No perfect outcome score exists

Actively listen to your patients and use their aspirations as the framework for treatment goals, as well as outcome measures used in clinical trials



How can you demonstrate a higher standard of care

Longitudinal follow up of people with haemophilia receiving treatment to show we achieved a higher standard

Focus on small steps to improve your standard of care in haemophilia A

Normalisation – A Visionary Concept

Normalisation of haemostasis is applicable for all people with haemophilia





Joint health deterioration compounded by normal aging process

Increased comorbidities

Barriers to accessing patient education

Clinical Takeaways

Normalising haemostasis is a realistic and appropriate aspiration for patients, using available novel treatment options



Normalising haemostasis is more than just zero bleeds



Normalising haemostasis as a treatment goal is adaptable for all stages of life

References

Holme, P.A. et al., 2023 unpublished manuscript

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