



IPFA/EBA Symposium on Plasma Collection and Supply

15 – 16 March 2022 | Amsterdam, the Netherlands



Investigating Current and Future Demand for Immunoglobulin use - a BEST Collaborative Study

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**IPFA/EBA
Symposium on
Plasma Collection
and Supply**

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I have no conflicts of interest to declare

Assessing the current demand of Immunoglobulins

BEST #160 project

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Review article

Review of indications for immunoglobulin (IG) use: Narrowing the gap between supply and demand



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... these products, the use of blood, and of derivatives in particular, the use of immunoglobulins (IG) tripled between 2004 and 2018, making it difficult to obtain sufficient blood to meet the market demand for these products.

We found no new evidence explaining the huge increase up to 2018 or the predicted 5-7% yearly annual increase until 2024. For some former evidence-based indications, biologics have largely replaced IG, but

Conclusion:
Worldwide shortage of
immunoglobulins now and in
the future

BEST Study #160

- **AIM OF THE STUDY:**
- **to create clinical awareness of shortage of immunoglobulins (IG) and to gain insight in decision-making on how IG is used within hospitals**

METHODOLOGY:

- **Qualitative study by developing survey / performing semi-structured interviews on IG use in hospitals (demand side)**

STUDY QUESTIONS:

1. **Which clinical specialties use IG most?**
2. **How is IG used (appropriateness, cost aspects etcetera)?**
3. **Did you notice a change in Ig usage in your hospital and reasons (COVID-related?) why?**
4. **What are the strategies used to mitigate IG use for hospital in-and outpatients?**

Who?

- Hospital pharmacists/bloodbank providers (phase I)
- End users (clinicians) (phase II)
- Semi-structured in-depth interviews (phase III):
 - Differentiate by specialty and/or by survey results
 - Goal: include a representative sample from different settings and regions

Status on March 16, 2022 and future plans

- **Phase I: Survey for hospital pharmacists/ blood bank providers**
- Survey questions have been piloted by project group members → survey revision (**in- and outpatients, influence of pandemic**)
- Dissemination through interested participant societies (BEST members, BEST liaisons (companies), EHA, EBA, IPFA?)
- Timeline:
 - April-May 2022-survey data collection
 - June –August 2022 data analysis
 - Sept-Dec 2022 writing paper phase I & prepare survey for phase II (clinicians)
 - 2023: phase II and phase III

Conclusions-take home messages

- **Worldwide shortage of immunoglobulins now and in the future**
 - **Awareness needed**
 - **Insight in demand needed, now and in the future**
 - **Pieces of the puzzle will be resolved by results of BEST #160 study**
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- **Interested to participate? Send a Email to: c.so@sanquin.nl**

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