



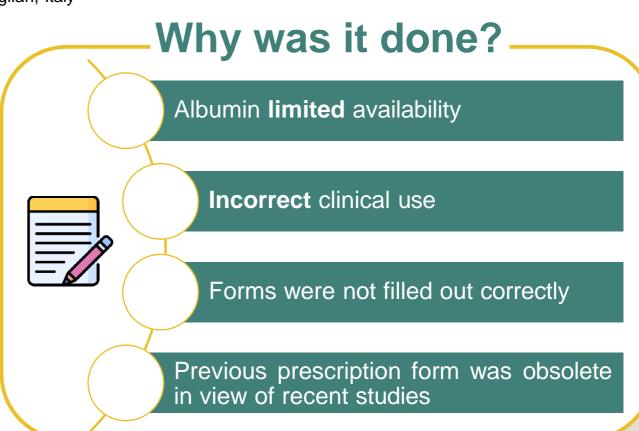
A new form for the prescription of human albumin as a tool to improve the appropriate use

<u>Uda ME</u> 1, Aledda L2, Rivano M3, Perpignano ME2, Lombardo F3

- 1. Hospital Pharmacy School, University of Sassari, Italy
 - 2. SS Trinità Hospital, Cagliari, Italy
 - 3. Binaghi Hospital, Cagliari, Italy

What was done?

The hospital pharmacy proposed the introduction of a **new** form for the prescription of human albumin solutions, in order to improve the **appropriate use** of this drug.



How was it done?

Literature review of the latest available evidences



Analysis of personalised prescriptions



Data collection

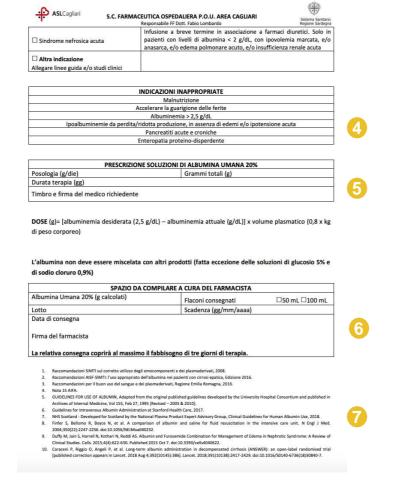


Introduction of new form



Analysis of the prescriptions after the updated form





- 1. Patient data
- 2. Appropriate indications (stronger evidences)
- 3. Appropriate indications (lower evidences)
- 4. Inappropriate indications.
- **5. Prescription** of human albumin solutions by the physician
- 6. Pharmacist dispensing
- 7. References

What has been achieved?

Between January - August 2022:

- √ 24900 g of albumin were used;
- √ 46.025 € was spent.

Between January - April 2022:

- √ 77 human albumin personalised prescriptions were analysed;
- ✓ 26% of the forms were not filled out correctly;
- ✓ the use of albumin was often inappropriate in terms of indications (30%) and quantity prescribed (83%). The introduction of new form in September 2022 enabled better dialogue between pharmacists and clinicians.

What's next?

The **aim** is to **improve** the **appropriate** use of albumin, encouraging the clinicians to focus more accurately to the prescribed therapy. This will improve the **quality** and **safety** of patient care, generating significant **cost savings**.

