



# **InterPARES 3 Project**

**International Research on Permanent Authentic Records in Electronic Systems**

**TEAM Brasil**

---

## **Ministry of Health of Brazil**

Procedures for the Management and Preservation of the  
Hospital Admission Authorization (AIH),  
created by the Hospital Information System (SIH)  
of the Unified Health System (SUS)

**Abdala Farah Netto**

**4th International Symposium - Oslo, Norway**  
**Friday Sept. 17, 2010**



# InterPARES 3 Project

International Research on Permanent Authentic Records in Electronic Systems

TEAM Brasil

## ⇒ Understanding the Unified Health System (SUS)

SUS is designed as a set of actions and health services provided by agencies and public institutions directly or indirectly run by federal, state or local administrations, as well as foundations maintained by the government. The private sector can participate in SUS in a complementary way.





# InterPARES 3 Project

International Research on Permanent Authentic Records in Electronic Systems

TEAM Brasil

---

## ⇒ SUS's Hospital Information System (SIH-SUS):

↳ As SUS was launched, the Ministry of Health kicked off the implementation of its Hospital Information System (SIH), starting on August 1, 1990.

↳ SIH-SUS is aimed to assist the operationalization, control and management of hospital admissions authorized at the units of which SUS is comprised throughout Brazil. Thus, the system keeps the **Hospital Admission Authorization (AIH)** as its main record.





# InterPARES 3 Project

International Research on Permanent Authentic Records in Electronic Systems

TEAM Brasil

## ⇒ Hospital Admission Authorization (AIH):

↳ The digital entity that the Ministry of Health analyzes in the InterPARES Project is the Hospital Admission Authorization (AIH), a document used to identify the patient and the services provided within the spectrum of admissions in the SUS hospital network and to supply the SIH with information.

↳ AIH enables the hospitals that take part in SUS to get paid for the services they provide.



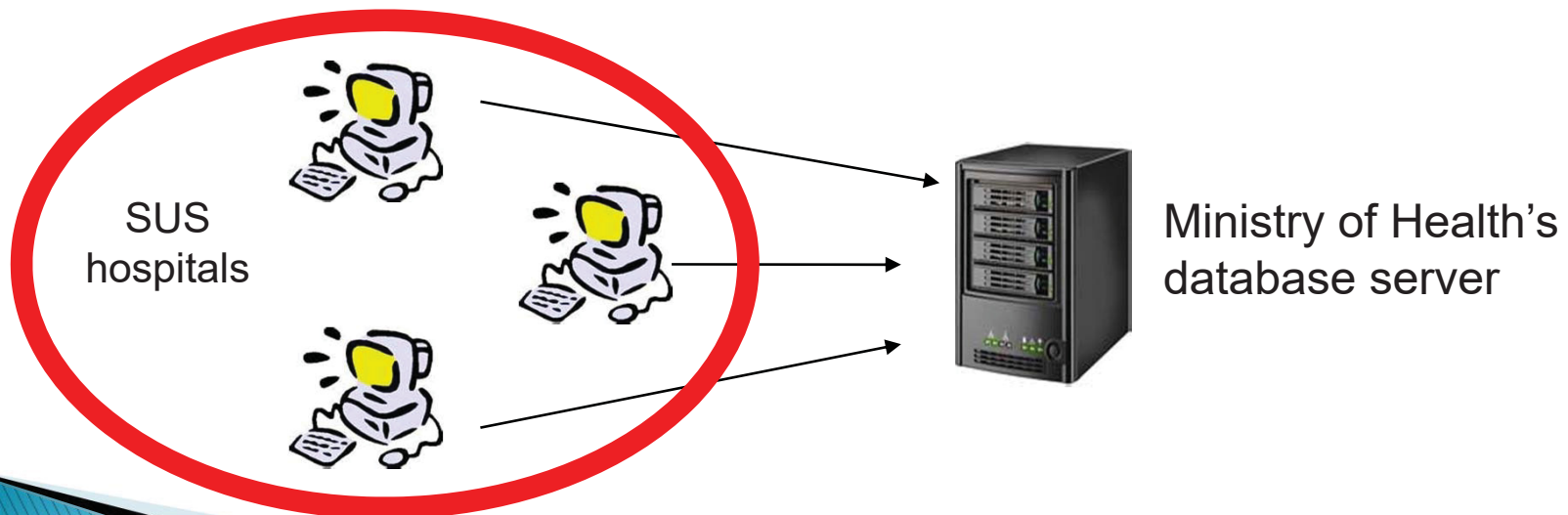


# InterPARES 3 Project

International Research on Permanent Authentic Records in Electronic Systems

TEAM Brasil

↳ After being processed and paid, the AIHs are stored in a server under the legal custody of the Ministry's Department of Regulation, Evaluation and Control of Systems (DRAC) and under the physical custody of SUS's computing department (DATASUS).





# InterPARES 3 Project

International Research on Permanent Authentic Records in Electronic Systems

TEAM Brasil

---

## ⇒ Conclusions from the Diplomatic Analysis:

↳ DRAC keeps only the **stored AIH record**.

↳ The system creates a new copy of the manifested record each time a query is made.

↳ **Content is not stable!** In some cases, the AIH that was already concluded is reprocessed and the information is updated in the system (content is changed).





# InterPARES 3 Project

International Research on Permanent Authentic Records in Electronic Systems

TEAM Brasil

## ⇒ Proposed actions:

- ↳ It is best to maintain the AIH in its manifested form, once it is easier to control its authenticity and access;
- ↳ Avoid the overwriting of information on the AIH, keeping its content stable;
- ↳ Creating a new record when reprocessing the AIH is necessary, and it must be linked to the primary AIH (archival bond), as it conveys the continuation of the action;
- ↳ Keep the manifested form of both:
  - (1) the AIH first created
  - (2) the reprocessed AIH



# InterPARES 3 Project

International Research on Permanent Authentic Records in Electronic Systems

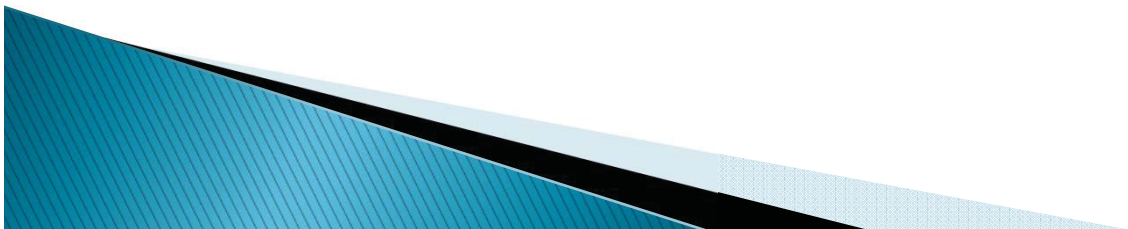
TEAM Brasil

---

## ⇒ Proposed actions:

↳ Define the disposition and time schedule for the AIH, involving:

- Documentation and Information Department (CGDI);
- Department of Regulation, Evaluation and Control of Systems (DRAC);
- SUS computing department (DATASUS);
- Juridical consultants.







# InterPARES 3 Project

International Research on Permanent Authentic Records in Electronic Systems

TEAM Brasil

---

**Thanks for your attention!**

Abdala Farah Netto

E-mail: [abdala.netto@nerj.rj.saude.gov.br](mailto:abdala.netto@nerj.rj.saude.gov.br)

