ALGORITHM OF INCLUSION AND FOLLOW-UP PROCEDURES OF WOMEN IN THE AMA STUDY

Recruitment

* Researcher (1) identify the eligible pregnant women and expose the study objectives

The women fill the eligibly criteria

Signing the written informed consent form

Inclusion consultation (C0)

- Researcher and research assistant identify, apply and fill the C0 questionnaire, and explain about the treatment (to begin within 24 hours after the first blood collection.
- The women receive 60 pills of ferrous sulfate and are guide to perform the blood collection to <u>serum ferritin</u>, <u>erythrogram and reticulocyte count</u> measurements.
- ❖ The questionnaire is stored in the research closet.
- The return consultation is schedule to after 30 days.

Laboratory data collection

- ❖ 2 venous blood samples are collected after C0, and 1 venous blood sample is collected after the follow-up consultations (C1, C2).
- ❖ The samples are collected by the professional of routinely procedures of the clinical laboratory service, who send the samples for the haematology sector (erythrogram and reticulocyte count) and immunology (serum ferritin).

The research assistant take the exams results at the laboratory computerized system and note them in the research standardized form.

At each follow-up consultation (C1, C2, C3):

- The researcher or research assistant informs the exams results to women and explains again about the treatment:
- Apply and fill the follow-up questionnaire (C1 or C2 or C3) about adverse effects and compliance to the treatment, and count the remaining pills.
- The women receive 60 pills of ferrous sulfate and are guided to perform the blood collection to erythrogram measurement.
- The high risk pregnancies (following losses) are guide to the high risk prenatal care service.
- The researcher or research assistant guides the women who conclude the follow-up to keep in the routinely prenatal care.

Operational and data analysis

- ❖ The research assistant takes the exams results and notes them in the questionnaire form C0/C1/C2/C3.
- ❖ The research assistant makes the first data entry by Excel software.
- ❖ The researcher makes the second data entry by Excel software and the data bank validation by Epiinfo software.

Data analysis with the statistical assistance by the Epiinfo, OpenEpi and Stata software

The research assistance attaches a brochure with the research results information in the women's medical records