**Interpretation of Hemoccult®**

- **Pouch**
  - Name of the patient / Date of birth
  - Prepare to document the results

- **Test Cards Checking**
  - Were 3 Test Cards returned?
  - Name of the patient (again)
  - Dates of stool samples (3 different days, min. 48 hours old?)

- **Test Cards Interpretation**
  - Open the flaps on the back of the 3 Test Cards and place the cards side by side
  - Apply only 1 drop of developer to the centre of each test field
  - Continue by applying a second drop of developer to each test field
  - For larger stool samples more drops of developer may be required
  - Observe the test fields for up to 60 seconds
  - Apply one drop of developer to the Performance Monitor

- **Document the Result !**
Interpretation of Hemoccult®

Negative Test Result

- No blue colour on or at the edge of the stool sample
- No blue streaks

Performance Monitor: 1 drop of developer between the 2 white circular areas
Interpretation of Hemoccult®

Positive Test Result
- Blue colour on or at the edge of the stool sample
- Blue streaks starting at the stool sample
Interpretation of Hemoccult®

♦ Positive Test Result
  - Blue colour on or at the edge of the stool sample
  - Blue streaks starting at the stool sample
Interpretation of Hemoccult®

- Positive Test Result
  - Blue colour on or at the edge of the stool sample
  - Blue streaks starting at the stool sample
Interpretation of Hemoccult®

Positive Test Result (right)

- Blue colour on or at the edge of the stool sample
- Blue streaks starting at the stool sample
Interpretation of Hemoccult®

Positive Test Result (right)

- Blue colour on or at the edge of the stool sample
- Blue streaks starting at the stool sample
Interpretation of Hemoccult®

Positive Test Result (right)

- Blue colour on or at the edge of the stool sample
- Blue streaks starting at the stool sample
Interpretation of Hemoccult®

♦ The Blue Colour Fades:

after 30 seconds  2 minutes later
Interpretation of Hemoccult®

♦ The Blue Colour Fades:

- after 30 seconds
- 2 minutes later
Interpretation of Hemoccult®

- Small Samples
  - Negative Test Result

after 30 seconds

after 60 seconds
Interpretation of Hemoccult®

- Small Samples
  - Positive Test Result (right)

after 30 seconds  after 60 seconds
Interpretation of Hemoccult®

- Small Samples
  - Positive Test Result (left)

  after 30 seconds

  after 60 seconds
Interpretation of Hemoccult®

- Light Blue Discolouring, e.g. by Sun Light, UV, Ozone
  - Unused Test Cards

normal colour

bluished Guaiac paper
Interpretation of Hemoccult®

- Light Blue Discolouring, e.g. by Sun Light, UV, Ozone
  - Unused Test Cards

normal colour  bluished Guaiac paper
Interpretation of Hemoccult®

- Light Blue Discolouring, e.g. by Sun Light, UV, Ozone
  - Negative Test Result

normal colour               bluish Guaiac paper
Interpretation of Hemoccult®

- Light Blue Discolouring, e.g. by Sun Light, UV, Ozone
  - Positive Test Result

normal colour               blushed Guaiac paper
**Interpretation of Hemoccult®**

- **Dried Whole Blood**
  - with visible blood, e.g. due to Haemorrhoids, the Test Result is negative, if the Erythrocytes are dried and intact

  on the left test field: dried whole blood
  on the right test field: haemolysed blood

  (ca. 200 times diluted)

  **before developing**  **after adding developer to the left field**
Interpretation of Hemoccult®

Dried Whole Blood

- with visible blood, e.g. due to Haemorrhoids, the Test Result is negative, if the Erythrocytes are dried and intact

on the left test field: on the right test field:
dried whole blood haemolysed blood
(ca. 200 times diluted)

before developing after adding developer to both fields