

ALGORITHM

«Measuring sizes of pelvis and their interpretation»

1. **Greet**, present yourself, and confirm the patient's details (the name and age), explain the main point and course of examination and get permission on realization.
2. **Position:** a woman is in supine position, on couch. Examiner stands at the side of the bed facing the woman's head. Use the pelvimeter for determination of pelvic sizes.
3. Measurement of **Distantia Spinarum**. Hold the buttons of pelvimeter by the thumb and the index fingers of both hands so that the scale is turned to the top. Palpate the anterosuperior spines of the iliac bones using the index and middle fingers of both hands, and put the buttons of the pelvimeter on them. Look at the scale, define and remember the measured result.
4. Measurement of **Distantia Cristarum**. Palpate the furthest distance of the iliac crests by the index and the middle fingers of both hands, and put the buttons of the pelvimeter on them. Look at the scale, define and remember the measured result.
5. Measurement of **Distantia Trochanterica**. Determine the most prominent places of the trochanters major of oses femur by the middle fingers of both hands, and put the buttons of the pelvimeter on them. Look at the scale, define and remember the measured result.
6. Measurement of **Conjugata Externa**. Ask the patient to take side line position with flexed her lower leg in the hip and knee joint, and extended upper one. Find the top of the symphysis by the middle and the index fingers of right hand and put the pelvimeter's button on it; find the suprasacral area (upper corner of Michaelis's rhomb) by the index and middle fingers of the left hand and put the buttons of the pelvimeter on it. Look at the scale, define and remember the measured result.
7. Calculate the true conjugate (**Conjugata vera**):
 - ³⁵₁₇ if the Solovyov's index is less than 14 cm, subtract 8 cm from the size of external Conjugate.
 - ³⁵₁₇ if the index of Solovyov's is 14-16 cm, subtract 9 cm from the size of external Conjugate.
 - ³⁵₁₇ if the Solovyov's index is more than 16 cm, subtract 10 cm the size of external Conjugate.
8. **Provide** information to the woman about the results of examination.
9. **Fill in** the case history.
10. **Interpret** obtained results.