

**LAPAROSCOPIC (KEYHOLE) OPERATION  
FOR  
POLYCYSTIC OVARIES  
(OVARIAN DRILLING)**

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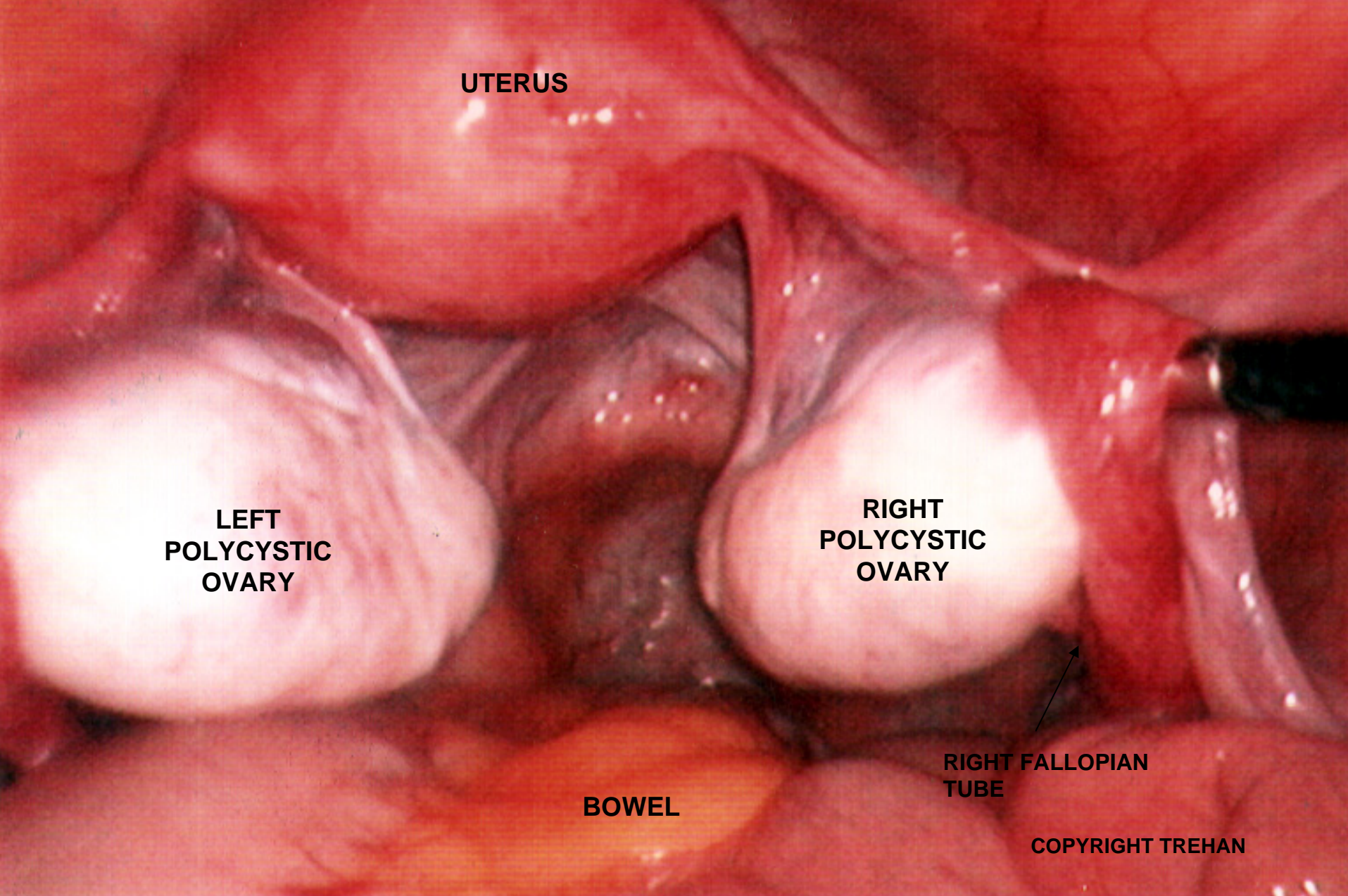
## POLYCYSTIC OVARIES AND MANAGEMENT

- Patient suffering with PCO presents to the Clinician with the complaints of infertility and/or excessive hair growth and/of delayed or no periods
- Polycystic Ovarian Syndrome (PCO) is a condition where two out of the following three are present:
  1. Oligo – amenorrhoea (cycle irregularity with delayed period) and or anovulation (no production of eggs)
  2. Hyperandrogenism (high level of male hormones and or increased hair growth)
  3. Polycystic ovaries (multiple small cysts approximately twelve or more at the surface of the ovary)
- Diagnosis is confirmed with blood tests and ultrasound examination management.
- Weight loss is the most important part of the treatment and it improves the chances of both spontaneous and drug induced ovulation (production of egg) and so the chances of pregnancy.
- Drugs are available to improve the chances of pregnancy and also to reduce hair growth.

## POLYCYSTIC OVARIES AND MANAGEMENT (cont.)

- **Ovarian drill is the most modern surgical operation for polycystic ovaries and it improves the chances of pregnancy.**
  - **Ovarian drilling is undertaken by keyhole means. In this operation a few drilling holes are made on the surface of the ovary by the use of intense local heat produced by a diathermy probe or laser**
  - **Pregnancy rate of approximately 60% has been reported.**
  - **Benefit of drilling is not permanent and may last up to 9 years or so.**
  - **Those who are slim have the most favourable prognosis – so weight reduction is important.**

**THIS PHOTOGRAPH DEMONSTRATES POLYCYSTIC OVARIES WHICH ARE BIG IN SIZE DUE TO MULTIPLE SMALL CYSTS ON THE SURFACE OF THE OVARY. THESE CYSTS ARE NOT VISIBLE AS THEY ARE COVERED WITH WHITE GLISTENING THICK CAPSULE (COVERING).**



**UTERUS**

**LEFT  
POLYCYSTIC  
OVARY**

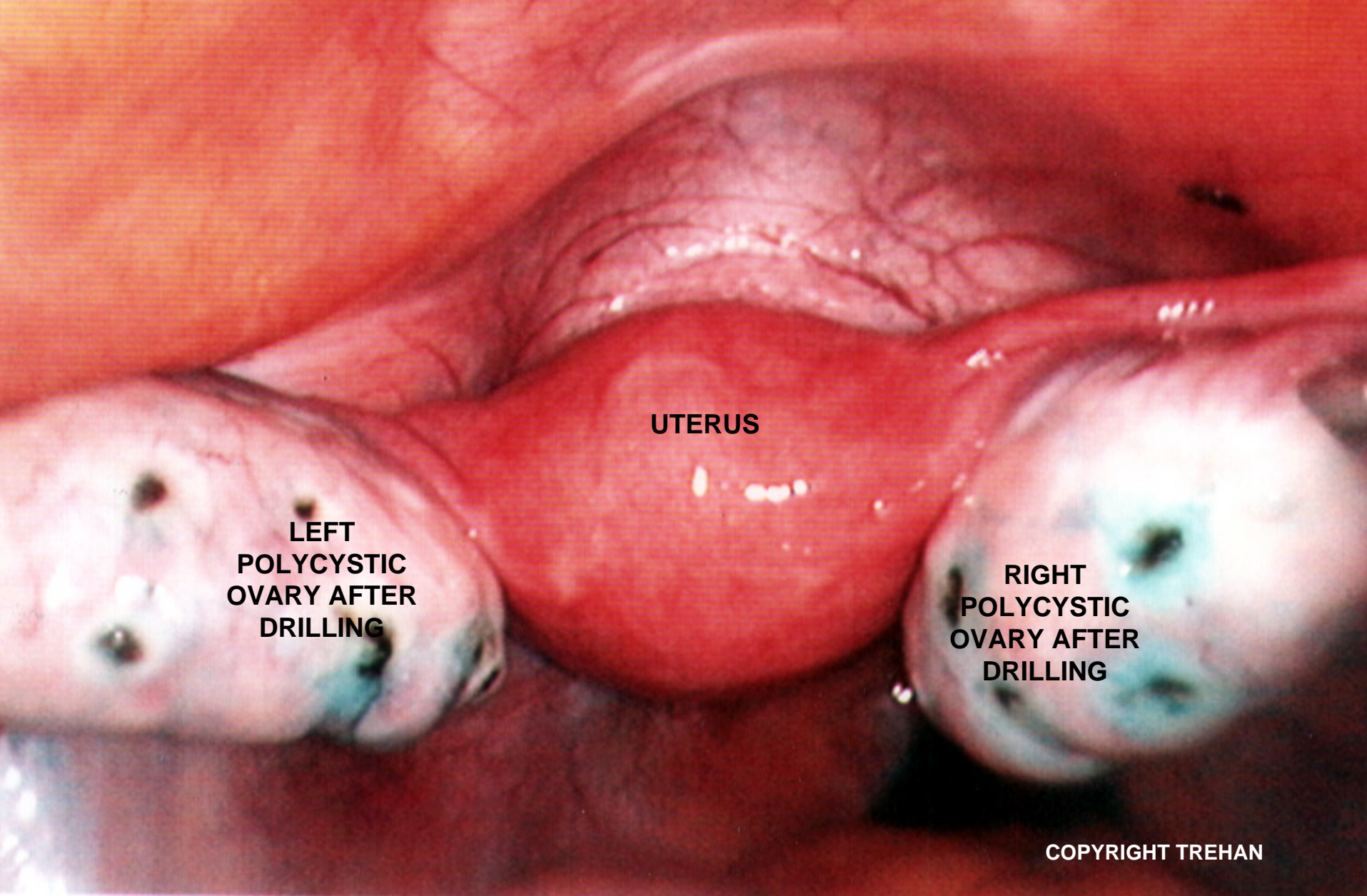
**RIGHT  
POLYCYSTIC  
OVARY**

**BOWEL**

**RIGHT FALLOPIAN  
TUBE**

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**THIS PHOTOGRAPH DEMONSTRATES POLYCYSTIC OVARIES FOLLOWING DRILLING OPERATION WHERE MULTIPLE HOLES ARE MADE ON THE SURFACE OF THE OVARY WITH HEAT.**

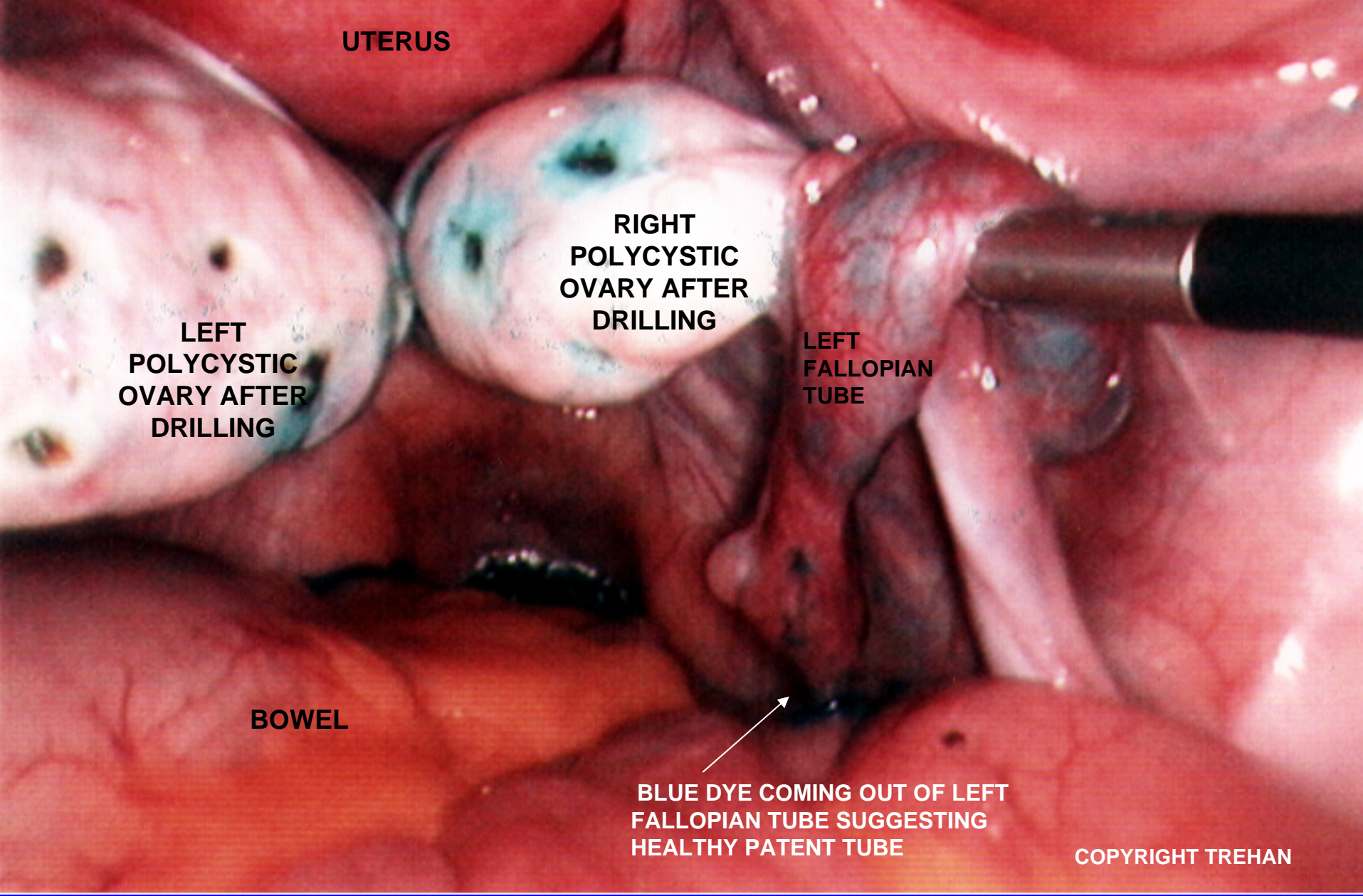


**UTERUS**

**LEFT  
POLYCYSTIC  
OVARY AFTER  
DRILLING**

**RIGHT  
POLYCYSTIC  
OVARY AFTER  
DRILLING**

**THIS PHOTOGRAPH DEMONSTRATES POLYCYSTIC OVARIES FOLLOWING DRILLING OPERATION. A DYE TEST HAS BEEN UNDERTAKEN TO CHECK THAT THE FALLOPIAN TUBES ARE OPEN TO ACCEPT EGGS.**



**UTERUS**

**RIGHT  
POLYCYSTIC  
OVARY AFTER  
DRILLING**

**LEFT  
POLYCYSTIC  
OVARY AFTER  
DRILLING**

**LEFT  
FALLOPIAN  
TUBE**

**BOWEL**

**BLUE DYE COMING OUT OF LEFT  
FALLOPIAN TUBE SUGGESTING  
HEALTHY PATENT TUBE**

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