

## Participant Information Sheet

### **Study Title: Role of Intraoperative Antibiotics Wound Irrigation in Reducing Surgical Site Infection Following Open Appendectomy**

Principal Investigators: Dr. Mohammed Dhari Jumaah  
Abu Ghraib General Hospital, Baghdad, Iraq

Mr. Mahmood Shuhata Al-Ubiady  
Consultant in General Surgery, Baghdad, Iraq

#### **1. What is this study ?**

You are invited to be a part in a clinical research study. The purpose of this study is to find out whether using an antibiotic solution to clean surgical wound during an open appendectomy will help to reduce the chance of infection after the surgery, compared to saline solution only.

#### **2. Why have I been invited?**

You have been invited because you have acute appendicitis and you are being scheduled for an open appendectomy at Abu Ghraib General Hospital. We are inviting patients aged 15 to 50 years who meet specific health criteria.

#### **3. Am I eligible to take part in the study? And What are the exclusion criteria?**

Most patients between the ages of 15 and 50 with acute appendicitis can take part.

However, you may not be eligible if:

- **You have diabetes mellitus, heart disease, kidney (renal) disease, or any condition that affects the immune system**
- **You are taking steroids or other immunosuppressive drugs**
- **You have a known allergy to penicillin or cephalosporins**

These conditions may increase your risk of complications and could affect the accuracy of the study. In such cases, we are sorry, but you will not be able to participate in the study for safety reasons.

#### **4. Do I have to take part?**

No. participation in the study is **completely voluntary**. If you decide not to take part, it will not affect your medical care in any way. If you agree to participate, you can still withdraw at any time without giving any reason.

## **5. What will happen to me if I take part?**

If you choose to be part of the study, you will be randomly allocated into one of two groups during surgery:

- One group will have their surgical wound washed with an antibiotic solution (ceftriaxone and metronidazole).
- Other group will have their wound washed with normal saline.

All other aspects of your surgery and care will remain the same. After your operation, your wound will be checked on day 10, 15, and 30 to monitor for infection.

## **6. Will there be any risks or side effects?**

There will be minimal risks involved. You will receive a standard antibiotic before surgery regardless of group. The antibiotic solution used during the irrigation of the wound is commonly used and is well tolerated, but there is a very small risk of an allergic reaction especially if you are allergic to substances will used in the study.

## **7. What are the possible benefits?**

Your participation may not directly benefit you, but the findings of this study would help to improve surgical care for future patients.

## **8. Will my information be kept confidential?**

Yes. All personal information will be kept confidential. Data will be stored securely and analyzed anonymously. Your name or any identifying details will not appear in any reports or publications during the process of the study or later during the publication.

## **9. What if I have questions or concerns?**

If you have any questions or concerns about the study, please contact:

1- Dr. Mohammed Dhari Jumaah  
Department of Surgery, Abu Ghraib General Hospital  
Email: Mohammeddhari@huc.edu.iq

2- Mr. Mahmood Shuhata Al-Ubiady  
Consultant in General Surgery, Baghdad, Iraq  
Email: dp.dentistryb@huc.edu.iq