



養和醫院

## 靜脈注射泌尿系統造影 IVU



## 診斷及介入放射部

### 什麼是靜脈注射泌尿系統造影?

靜脈注射泌尿系統造影是由靜脈注入造影劑到病人的血液循環系統，大部份造影劑會經腎臟排出，再出輸尿管流入膀胱。只要在這時用X光拍下腹部的照片，便可逐一把整個泌尿系統顯現出來。

### 為什麼病人須要這個檢驗?

當醫生懷疑病人的泌尿系統有毛病時，便有可能為病人安排這個檢驗。

### 病人在檢查前須作什麼準備?

- 檢查前兩天須禁止吃高纖維的食物如蔬菜、生果、麥皮等。
- 檢查前一天，服用瀉丸一粒，其目的是確保病人腸內沒有太多食物渣滓而遮蓋了泌尿系統。
- 檢查前四小時禁止進食，水可照常喝。
- 如病人有哮喘、風疹、濕疹或對藥物、食物、海鮮、花粉等曾有過敏反應，都應在預約檢查時告知醫生以作安排，例如預先服食或注射抗敏藥。

### 整個過程是怎樣進行?

當檢查開始時，病人躺臥在X光床上，醫生會從靜脈注入造影劑。這時病人可能感到身熱、作悶，這些都是輕微反應。病人不需過份緊張，只需放鬆作深呼吸，不適感覺便會減退。如病人在此時感到極度不適或呼吸困難，應立刻告訴醫生。

過程中，放射技師於不同時段攝影泌尿系統，需時大約一小時半。在個別情況下，檢查時間會增長至半天或一天不等，故病人應預留充足時間作檢查之用。

### 檢查後應注意什麼?

病人若沒有不適便可離去，亦可如常飲水進食。但個別病人對造影劑有「延遲過敏反應」特殊情況下，若有任何不適，可到附近急症室求診或返回本院門診部，並將所作的檢查告知醫生。

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Hong Kong Sanatorium & Hospital

## Intravenous Urography



**Department of Diagnostic &  
Interventional Radiology**

### What is Intravenous Urography

This is an X-ray examination of the kidneys, ureters and bladder. Intravenous injection of contrast medium will be excreted by the urinary system. Radiographs taken afterwards can reveal the morphology of different parts of the system.

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### Indication

Suspected kidney or urinary tract pathology.

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### Patient Preparation

- Patient should avoid eating high fiber diet 2 days before the examination (eg. vegetable, fruit or cereal).
- Patient should take the laxative tablets as instructed for bowel preparation.
- No food for 4 hours before examination, but water may be allowed.
- Your doctor will need to know if you are an allergic individual e.g. - history of known drug allergy especially contrast medium, history of known food allergy, history of asthma, urticaria, eczema or allergic rhinitis, to arrange antihistamine/steroid cover prior to the exam.

### Procedure

The patient will lie on the x-ray table. A contrast medium (iodine compound) will be injected intravenously. Patient may feel flushing or nauseated during injection.. These are mild normal reactions, which are transient lasting 1 or 2 minutes.

Radiographs of the kidneys and urinary tract will be taken at different time intervals. Usually the examination should be completed in approximately 1½ hour. Sometimes the examination can be extended to half day or even 1 day if there is obstruction in the urinary tract. Patient should allocate enough time for these situations.

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### After the Examination

The patient can leave the department immediately after the examination. He/She can resume normal diet and fluid intake. In the unlikely circumstance in which there is any discomfort after leaving the department, the patient should attend the nearest Accident & Emergency Department or our Out-Patient clinic.

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