

拍得藍注射液

PATENT BLUE V

【衛署藥輸字第10682號】

化學式

$C_{27}H_{31}N_2O_7S_2Na$

物理化學特性

Patent Blue V 是一種濃度為 2.5% 的水性溶液，其成分為：每 2 公撮 / 安瓶。

Patent Blue V (鈉鹽)	0.05 克
氯化鈉	0.012 克
磷酸氫二鈉 12H ₂ O (Buffer)	0.001 克

水加至 2ml
色度 No. 42 051. C. E. E. No E 131。

適應症

淋巴管部位的測定，動脈區域之測定。

用法·用量

本藥限由醫師使用

淋巴管：約注射 1 ml 之 Patent Blue V 於皮下組織。

- 腳部自大腳趾。
- 上肢自掌間，拇指基部（魚際）或小魚際突起之水平，或是自肘部。

動脈區域：動脈注射 Patent Blue V 能將有血管的組織染色，因而能用以決定抗核分裂療法之區域，為控制動脈內 Chemiotherapy 預定導管之正確位置。

一次灌注包含：

- 80ml 等張鈉水溶液。
- 40ml 2.5% Patent Blue V 溶液。
- 20ml 1% Xylocaine 溶液。

之溶液 50ml。

包裝

2 公撮安瓿裝 / 5 安瓿盒裝

注意事項

注射前需了解病患過去有無過敏或不耐反應記錄，有人建議給予此種病患 Corticosteroids (腎上腺皮質素) 與 Antihistamines (抗組織胺劑) 之前驅投藥，(即在用藥前對病患給予 Corticosteroids 和 Antihistamines 等藥物) 然而最好的辦法是確定意外狀況時能做充分的緊急措施；腎上腺皮質，抗組織胺劑、葡萄糖水溶液、氧氣和插管儀器。

副作用

Patent Blue V 可能產生過敏的副作用。過敏徵狀，若非特殊情狀，應該是會恢復，因其臨床現象經常是相當顯著的。此類反應在注射後很快就會發生。最常見的是所謂的發紅反應，跟著局部出現蕁麻疹和偶爾會發生的嘴唇和眼皮浮腫，特別是浮腫部位會帶淡綠或藍色，那是由於染色劑部分停留的緣故。低血壓、噁心、喉頭浮腫，甚至心血管衰竭時此反應會更嚴重。

PATENT BLUE V

FORMULA

$C_{27}H_{31}N_2O_7S_2Na$

PHYSICAL AND CHEMICAL PROPERTIES

PATENT BLUE V is an aqueous solution of 2.5% concentration.
Its composition is:

	2ml ampoule
● PATENT BLUE V (sodium salt)	0.05g
● Sodium chlorate	0.012g
● Disodium phosphate 12H ₂ O (buffer)	0.001g
● Water to	2ml

Colour index no. 42.051C.E.E. no. E131

INDICATIONS

Location for lymphatic vessels
Location of arterial territories.

DOSAGE

Location of lymphatic vessels: approximately 1ml of PATENT BLUE V is injected into the subcutaneous tissue:

- In the foot at the place of the large toe
- In the upper limb either between the metacarpus or at the level of the thenar or hypothenar prominences, or at the elbow.

Location of arterial territories:

Intra-arterial injection of PATENT BLUE V results in a colouring of the tissues vascularised by the vessels.

This allows one to determine the areas involve by an anti-mitotic medication.

To control the correct position of the catheter destined to intra-arterial chemotherapy, 50ml of a solution comprised of:

- 80ml of an isotonic sodium in water solution
- 40ml of a 2.5% PATENT BLUE V solution,
- 20ml of a 1% Xylocaine solution are perfused.

PRECAUTIONS

Prior the injection of PATENT BLUE V, the patient should be questioned as to a possible history of allergy or intolerance.

Some authors recommend in the case of a positive history a premedication with corticosteroids and antihistamines.

However, the best precaution is to ensure adequate emergency management in case of an accident: corticosteroids, antihistamines, solution of glucose and water, oxygen and equipment for intubation.

SIDE-EFFECTS

PATENT BLUE V may produce allergy side-effects. Allergic manifestation, if no quite rare, should be recuperized since their clinical expression is often quite spectacular. These reactions occur shortly after the injection of the dye.

Most often, is to say erythematous reactions, followed by the appearance of areas of urticaria and occasional oedema of the lips and the eyelids. The unique character is the pale green or blue colouration of the oedema which is explained by fixation of the dye at the level of the local exudates. The reactions may be more severe with hypotension, nausea, laryngeal oedema and even cardio-vascular failure.

PRESENTATION

Box containing 5 x 2ml ampoules

Guerbet

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16-24 rue Jean Chaptal
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France

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