

START PROTOCOL- Immunotherapy Injections using **Bee /Wasp Venom Extracts**

Peak Flows only need to be done when the patient has **ASTHMA** or if side effects occur.

Give injections as **deep** subcutaneous using diabetic needles if possible. **In most patients, MONTHLY**

MAINTENANCE INJECTIONS are given.

If it is uncomfortable for the patient, higher volume doses can be split into half into each arm.

An **antihistamine** can be given before injections to minimise local swelling and discomfort.

The patient must wait 45 minutes after each injection for safety reasons.

Eachottle lasts approximately 6 months only. They need to order another allergen bottle after their 4th injection from each bottle to ensure that more allergen is available to keep the injections going.

The **MAXIMUM (Maintenance)** dose is 1 ml at a time; reduce to 0.80ml when starting a new bottle.

Patient should be reviewed 12 months after starting immunotherapy; earlier if problems arise

Planned minimum duration of therapy is 5 years.

Patient NAME
PRECAUTIONS
PF

File NUMBER
PREDICTED PF

COMMENCEMENT
80 % PREDICTED

Bottle	Stock ug/ml	Week	Date	Planned Dose (ml)	Actual Dose (ml)	PF before	PF after	Comment/ signature
1	1	1		0.10 ml				

2	10	1		0.10 ml				
	Weekl	2		0.15 ml				
	"	3		0.25 ml				
	"	4		0.40 ml				
	"							
	"							
	"							

3	100	5		0.05 ml				
	Weekl	6		0.08 ml				
	"	7		0.10 ml				
	"	8		0.20 ml				
	"	9		0.30 ml				
	"	10		0.40 ml				
	"	11		0.50 ml				

	"	12		0.60 ml				
	"	13		0.75 ml				
	"	14		1.0 ml				
	"	15		1.0 ml				
	2nd weekly	17		1.0 ml				
	2nd weekly	19		1.0 ml				
	monthly	23		1.0 ml				
	monthly	27 etc		1.0 ml				

To reconstitute the venom kits, do the following:

Take the long labeled bottle containing freeze-dried powder, and add 5.5 mls of diluent from the large diluent bottle. This will give you a stock solution of 100 microgram venom per ml. Then take 0.20 ml of this and put into one of the small diluent bottles. Mix. This should be labelled as 10 ug/ml. Then take 0.20 ml of this bottle and inject into a second small diluent bottle- label as 1 ug/ml.

Continue the maintenance dose for 5 years. Do NOT stop the injections. Contact your allergist at the end of 5 years treatment or if there is a significant gap between injections or other problems arise.