

Table SI. Clinical characteristics of pretibial myxoedema (PTM)

Case No./ Sex	Duration, years, n			Type	Involved sites	Treatment for Graves's disease	TRAb (<1.75 U/l)	Previous treatment for PTM	Follow-up time, months	Outcome
	GD	GO	PTM							
1/F	10	9.5	9	Nodular form	Pretibial area, feet, toe, hands	Subtotal thyroidectomy was performed 7 years ago. Now she is on levothyroxine replacement therapy since postoperative hypothyroidism 3 years ago	>40	Intralesional injection of GC	Lost	PR ^a
2/F	7	1.5	0.5	Plaque form	Feet	Radioactive iodine therapy was performed 6 years ago. Now she is on levothyroxine replacement therapy since postoperative hypothyroidism	>40	None	27	PR
3/M	5.5	5	5	Elephantiasic form	Pretibial area, feet, toe	He received steroid pulse therapy 1 year ago, and is now on anti-thyroid drugs	>40	GC pulse therapy	20	CR
4/F	2.5	2	1	Nodular form	Pretibial area, feet, toe	She is on anti-thyroid drugs	>40	Intralesional injection of GC	18	PR
5/F	3.5	0.5	0.5	Non-pitting oedema form	Pretibial area	Radioactive iodine therapy was performed 3 years ago. Now she is on levothyroxine replacement therapy since postoperative hypothyroidism	>40	None	15	Relapse
6/M	8	7.5	7	Elephantiasic form	Pretibial area, feet	He is on anti-thyroid drugs since the failure of radioactive iodine therapy performed 8 years ago	>40	None	15	CR
7/M	15	10	8	Plaque form	Pretibial area, feet, toe	Radioactive iodine therapy was performed 12 years ago. Now he has euthyroidism	>40	GC pulse therapy	14	PR
8/F	6	5	3.5	Non-pitting oedema form	Pretibial area, feet	A subtotal thyroidectomy was performed 6 years ago. She is on anti-thyroid drugs since recurrence of hyperthyroidism occurred 3 years ago	>40	GC pulse therapy	14	PR
9/M	4	3	2	Elephantiasic form	Pretibial area, feet, toe	A radioactive iodine therapy was performed 4 years ago. Now he is on levothyroxine replacement therapy since postoperative hypothyroidism	>40	None	13	PR
10/M	3	2.5	2	Plaque form	Pretibial area	He is on anti-thyroid drugs	>40	None	12	PR
11/M	5	4	3	Non-pitting oedema form	Pretibial area, feet	Total thyroidectomy was performed 1 year ago. Now he is on levothyroxine replacement therapy since postoperative hypothyroidism	>40	None	12	PR
12/M	3	2.5	2.5	Non-pitting oedema form	Pretibial area	Subtotal thyroidectomy was performed 6 months ago. Now he is on levothyroxine replacement therapy since postoperative hypothyroidism	>40	GC pulse therapy	12	CR
13/M	4	3	4	Plaque form	Pretibial area	Radioactive iodine therapy was performed 4 years ago. Now he is on levothyroxine replacement therapy since postoperative hypothyroidism	>40	None	12	CR
14/F	2	1	1.5	Plaque form	Pretibial area, feet	She is on anti-thyroid drugs	>40	None	12	CR
15/F	3	1.5	0.5	Non-pitting oedema form	Pretibial area	Radioactive iodine therapy was performed 2.5 years ago. Now she is on levothyroxine replacement therapy since postoperative hypothyroidism	>40	None	12	PR
16/F	1	0.5	0.5	Nodular form	Pretibial area	She is on anti-thyroid drugs	>40	None	8	CR
17/M	2	1.5	1.5	Non-pitting oedema form	Pretibial area	Radioactive iodine therapy was performed 2 years ago. He is on anti-thyroid drugs since recurrence of hyperthyroidism occurred 1 year ago	>40	None	5	CR
18/M	1	0	1 month	Non-pitting oedema form	Pretibial area	Radioactive iodine therapy was performed 3 months ago. Now he is on levothyroxine replacement therapy since postoperative hypothyroidism	>40	None	5	CR
19/M	1.5	0	1	Non-pitting oedema form	Pretibial area	Radioactive iodine therapy was performed 1 year ago. Now he is on levothyroxine replacement therapy since postoperative hypothyroidism	>40	None	4	CR
20/F	8	7	7	Plaque form	Feet, hands	Radioactive iodine therapy was performed 6 year ago. Now She is on levothyroxine replacement therapy since postoperative hypothyroidism	>40	GC pulse therapy	3	CR

^aafter 3-months treatment

GD: Graves' disease; GO: Graves' ophthalmopathy; TRAb: TSH receptor antibody; CR: complete remission; PR: partial remission; GC: glucocorticoid; F: female; M: male.