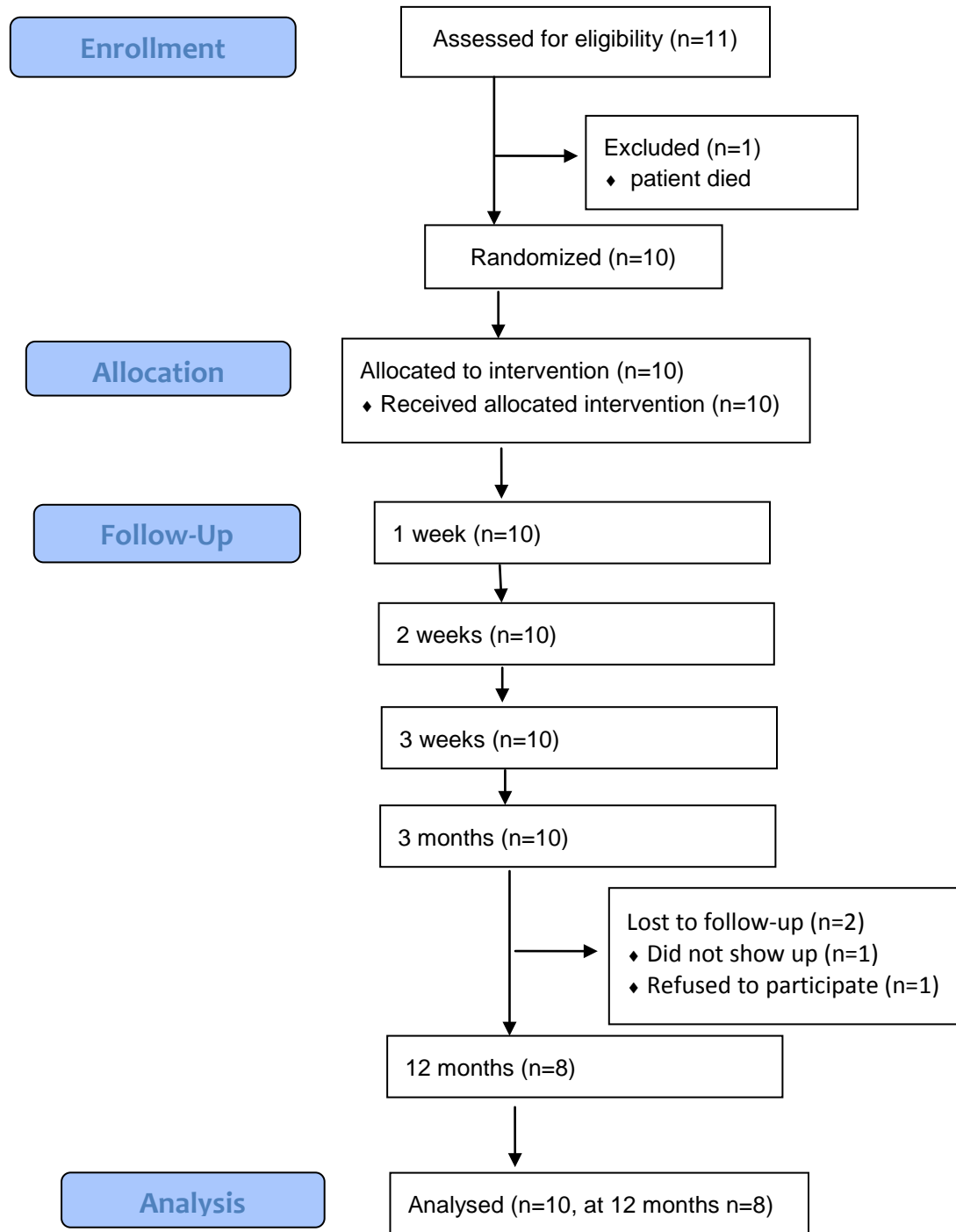


Participant flow



Baseline Characteristics

gender	age	burn area %	burn type	graft take %
male	32	45	flame burn	100
male	19	22	electric arc	100
male	39	30	flame burn	100
female	58	43	flame burn	33 -> 100
male	54	40	flame burn	100
male	37	39	flame burn	100
male	40	33	flame burn	100
male	25	27	flame burn	100
male	41	42	flame burn	100
male	23	37	flame burn	100

Outcome Measures

Vancouver-scale

Pigmentation (M)

- 0 Normal
- 1 Hypopigmented
- 2 Mixed
- 3 Hyperpigmented

Pliability (P)

- 0 Normal
- 1 Supple (Min res)
- 2 Yielding (Mod res)
- 3 Firm
- 4 Ropes (Blanch)
- 5 Contracture

Height (H)

- 0 Flat
- 1 < 2
- 2 2 to 5
- 3 >5

Vascularity (V)

- 0 Normal
- 1 Pink
- 2 Red
- 3 Purple

	3 months					
Patient	Material	M	P	H	V	altogether
Number 1						
	cellulose sponge	0	0	0	1	1
	integra	0	0	0	1	1
	STSG	0	0	0	0	0
Number 2						
	cellulose sponge	1	3	0	2	6
	integra	0	2	0	1	3
	STSG	0	2	0	1	3
Number 3						
	cellulose sponge	0	0	0	0	0
	integra	0	4	0	1	5
	STSG	3	0	0	2	5
Number 4						
	cellulose sponge	0	0	0	0	0
	integra	0	2	0	0	2
	STSG	0	1	0	0	1
Number 5						

	cellulose sponge	2	1	0	2	5
	integra	0	0	0	1	1
	STSG	2	0	0	1	3
Number 6						
	cellulose sponge	2	0	0	0	2
	integra	0	0	0	1	1
	STSG	3	0	0	0	3
Number 7						
	cellulose sponge	2	1	0	1	4
	integra	2	2	0	1	5
	STSG	0	0	0	0	0
Number 8						
	cellulose sponge	0	0	0	0	0
	integra	0	0	0	1	1
	STSG	0	1	0	0	1
Number 9						
	cellulose sponge	3	4	0	0	7
	integra	2	2	0	0	4
	STSG	3	1	0	0	4
Number 10						
	cellulose sponge	2	1	0	1	4
	integra	0	1	0	1	2
	STSG	2	2	0	1	5
	altogether	29	30	0	20	79

	12 months					
Patient	Material	M	P	H	V	altogether
Number 1						
	cellulose sponge	0	0	0	1	1
	integra	0	0	0	0	0
	STSG	0	0	0	0	0
Number 2						
	cellulose sponge	0	0	1	1	2
	integra	0	0	1	1	2
	STSG	0	0	1	1	2
Number 3						
	cellulose sponge	0	0	0	0	0
	integra	0	2	0	1	3
	STSG	3	0	0	1	4
Number 4						
	cellulose sponge	0	0	0	0	0
	integra	0	0	0	0	0
	STSG	0	0	0	0	0
Number 5						
	cellulose sponge	0	1	0	0	1
	integra	0	0	0	0	0
	STSG	0	0	0	0	0
Number 6						
	cellulose sponge	NA	NA	NA	NA	NA
	integra	NA	NA	NA	NA	NA
	STSG	NA	NA	NA	NA	NA
Number 7						
	cellulose sponge	2	0	0	0	2
	integra	0	1	0	0	1
	STSG	0	0	0	0	0
Number 8						
	cellulose sponge	0	0	0	0	0
	integra	1	0	0	0	1
	STSG	0	0	0	0	0

Number 9						
	cellulose sponge	0	0	0	0	0
	integra	2	0	0	1	3
	STSG	0	0	0	0	0
Number 10						
	cellulose sponge	NA	NA	NA	NA	NA
	integra	NA	NA	NA	NA	NA
	STSG	NA	NA	NA	NA	NA
	altogether	8	4	3	7	22

Adverse Events

One patient died during the trial due to severity of the burn, not associated with methods or materials used in the trial. One skin graft was lost due to non-intentional upside down miss-placement and was replaced a week later with no further adverse events.