

# NPWT wound area change calculator

Designed to calculate the change in wound size, this calculator helps you make evidence based decisions regarding NPWT therapy

- Step 1:** Use wound measurements to calculate the baseline or previous wound area (chart 1)
- Step 2:** Use wound measurements calculate the current wound area (chart 1)
- Step 3:** Use charts 2 and 3 (chart 2 for small wounds, chart 3 for large wounds) to assess the percentage change in wound size and assess the best course of treatment for the wound\*

Percentage reduction in wound area is shown in the green cells

Percentage increase in wound area is shown in the red cells

Predicting chronicity allows you to consider the targeted use of more aggressive treatment strategies.

## Initiating NPWT

If a wound is showing a reduction in size by <10% per week for 4 weeks or more, consider the use of NPWT<sup>2</sup>

## When to discontinue NPWT?

A weekly reduction in wound area > 10% indicates a positive response to treatment with NPWT<sup>3</sup>

## Further investigation

A weekly reduction in wound size by < 2.5% or any increase in wound area warrants investigation<sup>1,2,4</sup>

*Ask yourself; is your differential diagnosis correct? Has your patient's general condition deteriorated? Is your treatment addressing the underlying cause of the wound? Once systemic factors are addressed reassess local factors using TIME framework. If the wound still fails to progress, consider referral for specialist advice.*

**Please note:** Discontinuing and initiating NPWT will not only be down to wound measurement changes but also clinical judgment of other wound characteristics / clinical objectives

\*If the calculated wound area sits between two measurements, use the number closest to your calculated area.

# Wound area quick calculator

Chart 1 shows the wound area in cm<sup>2</sup> for a given length and width\*

## Wound length (cm)

	0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.2	2.4	2.6	2.8	3	3.2	3.4	3.6	3.8	4	4.2	4.4	4.6	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
0.2	0.03	0.06	0.09	0.13	0.16	0.19	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6
0.4	0.06	0.13	0.19	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	
0.6	0.09	0.19	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.6	2.8	3.1	3.3	3.5	3.8	4.0	4.2	4.5	4.7
0.8	0.13	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.7	6.0	6.3
1	0.16	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.5	3.6	3.8	3.9	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.9
1.2	0.19	0.4	0.6	0.8	0.9	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.5	4.7	5.2	5.7	6.1	6.6	7.1	7.5	8.0	8.5	9.0	9.4
1.4	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2	2.4	2.6	2.9	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.1	5.3	5.5	6.0	6.6	7.1	7.7	8.2	8.8	9.3	9.9	10.4	11.0
1.6	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0	3.3	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.3	5.5	5.8	6.0	6.3	6.9	7.5	8.2	8.8	9.4	10.1	10.7	11.3	11.9	12.6
1.8	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.3	2.5	2.8	3.1	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.4	5.7	5.9	6.2	6.5	6.8	7.1	7.8	8.5	9.2	9.9	10.6	11.3	12.0	12.7	13.4	14.1
2	0.3	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.9	8.6	9.4	10.2	11.0	11.8	12.6	13.4	14.1	14.9	15.7
2.2	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.5	3.8	4.1	4.5	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.3	7.6	7.9	8.3	8.6	9.5	10.4	11.2	12.1	13.0	13.8	14.7	15.6	16.4	17.3
2.4	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8	4.1	4.5	4.9	5.3	5.7	6.0	6.4	6.8	7.2	7.5	7.9	8.3	8.7	9.0	9.4	10.4	11.3	12.3	13.2	14.1	15.1	16.0	17.0	17.9	18.8
2.6	0.4	0.8	1.2	1.6	2.0	2.5	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.4	7.8	8.2	8.6	9.0	9.4	9.8	10.2	11.2	12.3	13.3	14.3	15.3	16.3	17.4	18.4	19.4	20.4
2.8	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	4.0	4.4	4.8	5.3	5.7	6.2	6.6	7.0	7.5	7.9	8.4	8.8	9.2	9.7	10.1	10.6	11.0	12.1	13.2	14.3	15.4	16.5	17.6	18.7	19.8	20.9	22.0
3	0.5	0.9	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.7	5.2	5.7	6.1	6.6	7.1	7.5	8.0	8.5	9.0	9.4	9.9	10.4	10.8	11.3	11.8	13.0	14.1	15.3	16.5	17.7	18.8	20.0	21.2	22.4	23.6
3.2	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.8	15.1	16.3	17.6	18.8	20.1	21.4	22.6	23.9	25.1
3.4	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	4.8	5.3	5.9	6.4	6.9	7.5	8.0	8.5	9.1	9.6	10.1	10.7	11.2	11.7	12.3	12.8	13.4	14.7	16.0	17.4	18.7	20.0	21.4	22.7	24.0	25.4	26.7
3.6	0.6	1.1	1.7	2.3	2.8	3.4	4.0	4.5	5.1	5.7	6.2	6.8	7.4	7.9	8.5	9.0	9.6	10.2	10.7	11.3	11.9	12.4	13.0	13.6	14.1	15.6	17.0	18.4	19.8	21.2	22.6	24.0	25.4	26.9	28.3
3.8	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6	10.1	10.7	11.3	11.9	12.5	13.1	13.7	14.3	14.9	16.4	17.9	19.4	20.9	22.4	23.9	25.4	26.9	28.4	29.8
4	0.6	1.3	1.9	2.5	3.1	3.8	4.4	5.0	5.7	6.3	6.9	7.5	8.2	8.8	9.4	10.1	10.7	11.3	11.9	12.6	13.2	13.8	14.5	15.1	15.7	17.3	18.8	20.4	22.0	23.6	25.1	26.7	28.3	29.8	31.4
4.2	0.7	1.3	2.0	2.6	3.3	4.0	4.6	5.3	5.9	6.6	7.3	7.9	8.6	9.2	9.9	10.6	11.2	11.9	12.5	13.2	13.9	14.5	15.2	15.8	16.5	18.1	19.8	21.4	23.1	24.7	26.4	28.0	29.7	31.3	33.0
4.4	0.7	1.4	2.1	2.8	3.5	4.1	4.8	5.5	6.2	6.9	7.6	8.3	9.0	9.7	10.4	11.1	11.7	12.4	13.1	13.8	14.5	15.2	15.9	16.6	17.3	19.0	20.7	22.5	24.2	25.9	27.6	29.4	31.1	32.8	34.6
4.6	0.7	1.4	2.2	2.9	3.6	4.3	5.1	5.8	6.5	7.2	7.9	8.7	9.4	10.1	10.8	11.6	12.3	13.0	13.7	14.5	15.2	15.9	16.6	17.3	18.1	19.9	21.7	23.5	25.3	27.1	28.9	30.7	32.5	34.3	36.1
4.8	0.8	1.5	2.3	3.0	3.8	4.5	5.3	6.0	6.8	7.5	8.3	9.0	9.8	10.6	11.3	12.1	12.8	13.6	14.3	15.1	15.8	16.6	17.3	18.1	18.8	20.7	22.6	24.5	26.4	28.3	30.2	32.0	33.9	35.8	37.7
5	0.8	1.6	2.4	3.1	3.9	4.7	5.5	6.3	7.1	7.9	8.6	9.4	10.2	11.0	11.8	12.6	13.4	14.1	14.9	15.7	16.5	17.3	18.1	18.8	19.6	21.6	23.6	25.5	27.5	29.5	31.4	33.4	35.3	37.3	39.3
5.5	0.9	1.7	2.6	3.5	4.3	5.2	6.0	6.9	7.8	8.6	9.5	10.4	11.2	12.1	13.0	13.8	14.7	15.6	16.4	17.3	18.1	19.0	19.9	20.7	21.6	23.8	25.9	28.1	30.2	32.4	34.6	36.7	38.9	41.0	43.2
6	0.9	1.9	2.8	3.8	4.7	5.7	6.6	7.5	8.5	9.4	10.4	11.3	12.3	13.2	14.1	15.1	16.0	17.0	17.9	18.8	19.8	20.7	21.7	22.6	23.6	25.9	28.3	30.6	33.0	35.3	37.7	40.1	42.4	44.8	47.1
6.5	1.0	2.0	3.1	4.1	5.1	6.1	7.1	8.2	9.2	10.2	11.2	12.3	13.3	14.3	15.3	16.3	17.4	18.4	19.4	20.4	21.4	22.5	23.5	24.5	25.5	28.1	30.6	33.2	35.7	38.3	40.8	43.4	45.9	48.5	51.1
7	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8	9.9	11.0	12.1	13.2	14.3	15.4	16.5	17.6	18.7	19.8	20.9	22.0	23.1	24.2	25.3	26.4	27.5	30.2	33.0	35.7	38.5	41.2	44.0	46.7	49.5	52.2	55.0
7.5	1.2	2.4	3.5	4.7	5.9	7.1	8.2	9.4	10.6	11.8	13.0	14.1	15.3	16.5	17.7	18.8	20.0	21.2	22.4	23.6	24.7	25.9	27.1	28.3	29.5	32.4	35.3	38.3	41.2	44.2	47.1	50.1	53.0	56.0	58.9
8	1.3	2.5	3.8	5.0	6.3	7.5	8.8	10.1	11.3	12.6	13.8	15.1	16.3	17.6	18.8	20.1	21.4	22.6	23.9	25.1	26.4	27.6	28.9	30.2	31.4	34.6	37.7	40.8	44.0	47.1	50.3	53.4	56.5	59.7	62.8
8.5	1.3	2.7	4.0	5.3	6.7	8.0	9.3	10.7	12.0	13.4	14.7	16.0	17.4	18.7	20.0	21.4	22.7	24.0	25.4	26.7	28.0	29.4	30.7	32.0	33.4	36.7	40.1	43.4	46.7	50.1	53.4	56.7	60.1	63.4	66.8
9	1.4	2.8	4.2	5.7	7.1	8.5	9.9	11.3	12.7	14.1	15.6	17.0	18.4	19.8	21.2	22.6	24.0	25.4	26.9	28.3	29.7	31.1	32.5	33.9	35.3	38.9	42.4	45.9	49.5	53.0	56.5	60.1	63.6	67.2	70.7
9.5	1.5	3.0	4.5	6.0	7.5	9.0	10.4	11.9	13.4	14.9	16.4	17.9	19.4	20.9	22.4	23.9	25.4	26.9	28.4	29.8	31.3	32.8	34.3	35.8	37.3	41.0	44.8	48.5	52.2	56.0	59.7	63.4	67.2	70.9	74.6
10	1.6	3.1	4.7	6.3	7.9	9.4	11.0	12.6	14.1	15.7	17.3	18.8	20.4	22.0	23.6	25.1	26.7	28.3	29.8	31.4	33.0	34.6	36.1	37.7	39.3	43.2	47.1	51.1	55.0	58.9	62.8	66.8	70.7	74.6	78.5

\*The ellipse formula is used, where area = length x width x  $\pi$  / 4  
 This table may not give accurate results if the wound differs significantly in shape from an ellipse

# Wound area percentage change calculator (small wounds)

## Chart 2

### Previous wound area (cm<sup>2</sup>)

Current wound area (cm <sup>2</sup> )	Previous wound area (cm <sup>2</sup> )																																			
	0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.2	2.4	2.6	2.8	3	3.2	3.4	3.6	3.8	4	4.2	4.4	4.6	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	
0.2	0	-50	-67	-75	-80	-83	-86	-88	-89	-90	-91	-92	-92	-93	-93	-94	-94	-94	-95	-95	-95	-95	-96	-96	-96	-96	-97	-97	-97	-97	-97	-98	-98	-98	-98	-98
0.4	100	0	-33	-50	-60	-67	-71	-75	-78	-80	-82	-83	-85	-86	-87	-88	-88	-89	-89	-90	-90	-91	-91	-92	-92	-93	-93	-94	-94	-95	-95	-95	-96	-96	-96	-96
0.6	200	50	0	-25	-40	-50	-57	-63	-67	-70	-73	-75	-77	-79	-80	-81	-82	-83	-84	-85	-86	-86	-87	-88	-88	-89	-90	-91	-91	-92	-93	-93	-93	-94	-94	
0.8	300	100	33	0	-20	-33	-43	-50	-56	-60	-64	-67	-69	-71	-73	-75	-76	-78	-79	-80	-81	-82	-83	-83	-84	-85	-87	-88	-89	-89	-90	-91	-91	-92	-92	
1	400	150	67	25	0	-17	-29	-38	-44	-50	-55	-58	-62	-64	-67	-69	-71	-72	-74	-75	-76	-77	-78	-79	-80	-82	-83	-85	-86	-87	-88	-88	-89	-89	-90	
1.2	500	200	100	50	20	0	-14	-25	-33	-40	-45	-50	-54	-57	-60	-63	-65	-67	-68	-70	-71	-73	-74	-75	-76	-78	-80	-82	-83	-84	-85	-86	-87	-87	-88	
1.4	600	250	133	75	40	17	0	-13	-22	-30	-36	-42	-46	-50	-53	-56	-59	-61	-63	-65	-67	-68	-70	-71	-72	-75	-77	-78	-80	-81	-83	-84	-84	-85	-86	
1.6	700	300	167	100	60	33	14	0	-11	-20	-27	-33	-38	-43	-47	-50	-53	-56	-58	-60	-62	-64	-65	-67	-68	-71	-73	-75	-77	-79	-80	-81	-82	-83	-84	
1.8	800	350	200	125	80	50	29	13	0	-10	-18	-25	-31	-36	-40	-44	-47	-50	-53	-55	-57	-59	-61	-63	-64	-67	-70	-72	-74	-76	-78	-79	-80	-81	-82	
2	900	400	233	150	100	67	43	25	11	0	-9	-17	-23	-29	-33	-38	-41	-44	-47	-50	-52	-55	-57	-58	-60	-64	-67	-69	-71	-73	-75	-76	-78	-79	-80	
2.2	1000	450	267	175	120	83	57	38	22	10	0	-8	-15	-21	-27	-31	-35	-39	-42	-45	-48	-50	-52	-54	-56	-60	-63	-66	-69	-71	-73	-74	-76	-77	-78	
2.4	1100	500	300	200	140	100	71	50	33	20	9	0	-8	-14	-20	-25	-29	-33	-37	-40	-43	-45	-48	-50	-52	-56	-60	-63	-66	-68	-70	-72	-73	-75	-76	
2.6	1200	550	333	225	160	117	86	63	44	30	18	8	0	-7	-13	-19	-24	-28	-32	-35	-38	-41	-43	-46	-48	-53	-57	-60	-63	-65	-68	-69	-71	-73	-74	
2.8	1300	600	367	250	180	133	100	75	56	40	27	17	8	0	-7	-13	-18	-22	-26	-30	-33	-36	-39	-42	-44	-49	-53	-57	-60	-63	-65	-67	-69	-71	-72	
3	1400	650	400	275	200	150	114	88	67	50	36	25	15	7	0	-6	-12	-17	-21	-25	-29	-32	-35	-38	-40	-45	-50	-54	-57	-60	-63	-65	-67	-68	-70	
3.2	1500	700	433	300	220	167	129	100	78	60	45	33	23	14	7	0	-6	-11	-16	-20	-24	-27	-30	-33	-36	-42	-47	-51	-54	-57	-60	-62	-64	-66	-68	
3.4	1600	750	467	325	240	183	143	113	89	70	55	42	31	21	13	6	0	-6	-11	-15	-19	-23	-26	-29	-32	-38	-43	-48	-51	-55	-58	-60	-62	-64	-66	
3.6	1700	800	500	350	260	200	157	125	100	80	64	50	38	29	20	13	6	0	-5	-10	-14	-18	-22	-25	-28	-35	-40	-45	-49	-52	-55	-58	-60	-62	-64	
3.8	1800	850	533	375	280	217	171	138	111	90	73	58	46	36	27	19	12	6	0	-5	-10	-14	-17	-21	-24	-31	-37	-42	-46	-49	-53	-55	-58	-60	-62	
4	1900	900	567	400	300	233	186	150	122	100	82	67	54	43	33	25	18	11	5	0	-5	-9	-13	-17	-20	-27	-33	-38	-43	-47	-50	-53	-56	-58	-60	
4.2	2000	950	600	425	320	250	200	163	133	110	91	75	62	50	40	31	24	17	11	5	0	-5	-9	-13	-16	-24	-30	-35	-40	-44	-48	-51	-53	-56	-58	
4.4	2100	1000	633	450	340	267	214	175	144	120	100	83	69	57	47	38	29	22	16	10	5	0	-4	-8	-12	-20	-27	-32	-37	-41	-45	-48	-51	-54	-56	
4.6	2200	1050	667	475	360	283	229	188	156	130	109	92	77	64	53	44	35	28	21	15	10	5	0	-4	-8	-16	-23	-29	-34	-39	-43	-46	-49	-52	-54	
4.8	2300	1100	700	500	380	300	243	200	167	140	118	100	85	71	60	50	41	33	26	20	14	9	4	0	-4	-13	-20	-26	-31	-36	-40	-44	-47	-49	-52	
5	2400	1150	733	525	400	317	257	213	178	150	127	108	92	79	67	56	47	39	32	25	19	14	9	4	0	-9	-17	-23	-29	-33	-38	-41	-44	-47	-50	
5.5	2650	1275	817	588	450	358	293	244	206	175	150	129	112	96	83	72	62	53	45	38	31	25	20	15	10	0	-8	-15	-21	-27	-31	-35	-39	-42	-45	
6	2900	1400	900	650	500	400	329	275	233	200	173	150	131	114	100	88	76	67	58	50	43	36	30	25	20	9	0	-8	-14	-20	-25	-29	-33	-37	-40	
6.5	3150	1525	983	713	550	442	364	306	261	225	195	171	150	132	117	103	91	81	71	63	55	48	41	35	30	18	8	0	-7	-13	-19	-24	-28	-32	-35	
7	3400	1650	1067	775	600	483	400	338	289	250	218	192	169	150	133	119	106	94	84	75	67	59	52	46	40	27	17	8	0	-7	-13	-18	-22	-26	-30	
7.5	3650	1775	1150	838	650	525	436	369	317	275	241	213	188	168	150	134	121	108	97	88	79	70	63	56	50	36	25	15	7	0	-6	-12	-17	-21	-25	
8	3900	1900	1233	900	700	567	471	400	344	300	264	233	208	186	167	150	135	122	111	100	90	82	74	67	60	45	33	23	14	7	0	-6	-11	-16	-20	
8.5	4150	2025	1317	963	750	608	507	431	372	325	286	254	227	204	183	166	150	136	124	113	102	93	85	77	70	55	42	31	21	13	6	0	-6	-11	-15	
9	4400	2150	1400	1025	800	650	543	463	400	350	309	275	246	221	200	181	165	150	137	125	114	105	96	88	80	64	50	38	29	20	13	6	0	-5	-10	
9.5	4650	2275	1483	1088	850	692	579	494	428	375	332	296	265	239	217	197	179	164	150	138	126	116	107	98	90	73	58	46	36	27	19	12	6	0	-5	
10	4900	2400	1567	1150	900	733	614	525	456	400	355	317	285	257	233	213	194	178	163	150	138	127	117	108	100	82	67	54	43	33	25	18	11	5	0	

Percentage reduction in wound area is shown in the green cells.  
Percentage increase is denoted by the red cells.

# Wound area percentage change calculator (larger wounds)

Chart 3

## Previous wound area (cm<sup>2</sup>)

		Previous wound area (cm <sup>2</sup> )																																				
		2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115		
Current wound area (cm <sup>2</sup> )	2	0	-50	-67	-75	-80	-83	-86	-88	-89	-90	-91	-92	-92	-93	-93	-94	-94	-94	-95	-95	-96	-96	-96	-97	-97	-97	-97	-98	-98	-98	-98	-98	-98	-98	-98	-98	
	4	100	0	-33	-50	-60	-67	-71	-75	-78	-80	-82	-83	-85	-86	-87	-88	-88	-89	-89	-90	-91	-92	-93	-93	-94	-94	-95	-95	-95	-96	-96	-96	-96	-96	-96	-96	-97
	6	200	50	0	-25	-40	-50	-57	-63	-67	-70	-73	-75	-77	-79	-80	-81	-82	-83	-84	-85	-87	-88	-89	-90	-91	-91	-92	-93	-93	-93	-94	-94	-94	-94	-94	-95	-95
	8	300	100	33	0	-20	-33	-43	-50	-56	-60	-64	-67	-69	-71	-73	-75	-76	-78	-79	-80	-82	-84	-85	-87	-88	-89	-89	-90	-91	-91	-92	-92	-92	-92	-92	-93	-93
	10	400	150	67	25	0	-17	-29	-38	-44	-50	-55	-58	-62	-64	-67	-69	-71	-72	-74	-75	-78	-80	-82	-83	-85	-86	-87	-88	-88	-89	-89	-90	-90	-90	-91	-91	-91
	12	500	200	100	50	20	0	-14	-25	-33	-40	-45	-50	-54	-57	-60	-63	-65	-67	-68	-70	-73	-76	-78	-80	-82	-83	-84	-85	-86	-87	-87	-88	-88	-89	-89	-90	-90
	14	600	250	133	75	40	17	0	-13	-22	-30	-36	-42	-46	-50	-53	-56	-59	-61	-63	-65	-69	-72	-75	-77	-78	-80	-81	-83	-84	-84	-85	-86	-86	-87	-87	-88	-88
	16	700	300	167	100	60	33	14	0	-11	-20	-27	-33	-38	-43	-47	-50	-53	-56	-58	-60	-64	-68	-71	-73	-75	-77	-79	-80	-81	-82	-83	-84	-84	-85	-85	-86	-86
	18	800	350	200	125	80	50	29	13	0	-10	-18	-25	-31	-36	-40	-44	-47	-50	-53	-55	-60	-64	-67	-70	-72	-74	-76	-78	-79	-80	-81	-82	-83	-83	-84	-84	-84
	20	900	400	233	150	100	67	43	25	11	0	-9	-17	-23	-29	-33	-38	-41	-44	-47	-50	-56	-60	-64	-67	-69	-71	-73	-75	-76	-78	-79	-80	-81	-82	-82	-83	
	22	1000	450	267	175	120	83	57	38	22	10	0	-8	-15	-21	-27	-31	-35	-39	-42	-45	-51	-56	-60	-63	-66	-69	-71	-73	-74	-76	-77	-78	-79	-80	-81	-81	
	24	1100	500	300	200	140	100	71	50	33	20	9	0	-8	-14	-20	-25	-29	-33	-37	-40	-47	-52	-56	-60	-63	-66	-68	-70	-72	-73	-75	-76	-77	-78	-79	-79	
	26	1200	550	333	225	160	117	86	63	44	30	18	8	0	-7	-13	-19	-24	-28	-32	-35	-42	-48	-53	-57	-60	-63	-65	-68	-69	-71	-73	-74	-75	-76	-77	-77	
	28	1300	600	367	250	180	133	100	75	56	40	27	17	8	0	-7	-13	-18	-22	-26	-30	-38	-44	-49	-53	-57	-60	-63	-65	-67	-69	-71	-72	-73	-75	-76	-76	
	30	1400	650	400	275	200	150	114	88	67	50	36	25	15	7	0	-6	-12	-17	-21	-25	-33	-40	-45	-50	-54	-57	-60	-63	-65	-67	-68	-70	-71	-73	-74	-74	
	32	1500	700	433	300	220	167	129	100	78	60	45	33	23	14	7	0	-6	-11	-16	-20	-29	-36	-42	-47	-51	-54	-57	-60	-62	-64	-66	-68	-70	-71	-72	-72	
	34	1600	750	467	325	240	183	143	113	89	70	55	42	31	21	13	6	0	-6	-11	-15	-24	-32	-38	-43	-48	-51	-55	-58	-60	-62	-64	-66	-68	-69	-70	-70	
	36	1700	800	500	350	260	200	157	125	100	80	64	50	38	29	20	13	6	0	-5	-10	-20	-28	-35	-40	-45	-49	-52	-55	-58	-60	-62	-64	-66	-67	-69	-69	
	38	1800	850	533	375	280	217	171	138	111	90	73	58	46	36	27	19	12	6	0	-5	-16	-24	-31	-37	-42	-46	-49	-53	-55	-58	-60	-62	-64	-65	-67	-67	
40	1900	900	567	400	300	233	186	150	122	100	82	67	54	43	33	25	18	11	5	0	-11	-20	-27	-33	-38	-43	-47	-50	-53	-56	-58	-60	-62	-64	-65	-65		
45	2150	1025	650	463	350	275	221	181	150	125	105	88	73	61	50	41	32	25	18	13	0	-10	-18	-25	-31	-36	-40	-44	-47	-50	-53	-55	-57	-59	-61	-61		
50	2400	1150	733	525	400	317	257	213	178	150	127	108	92	79	67	56	47	39	32	25	11	0	-9	-17	-23	-29	-33	-38	-41	-44	-47	-50	-52	-55	-57	-57		
55	2650	1275	817	588	450	358	293	244	206	175	150	129	112	96	83	72	62	53	45	38	22	10	0	-8	-15	-21	-27	-31	-35	-39	-42	-45	-48	-50	-52	-52		
60	2900	1400	900	650	500	400	329	275	233	200	173	150	131	114	100	88	76	67	58	50	33	20	9	0	-8	-14	-20	-25	-29	-33	-37	-40	-43	-45	-48	-48		
65	3150	1525	983	713	550	442	364	306	261	225	195	171	150	132	117	103	91	81	71	63	44	30	18	8	0	-7	-13	-19	-24	-28	-32	-35	-38	-41	-43	-43		
70	3400	1650	1067	775	600	483	400	338	289	250	218	192	169	150	133	119	106	94	84	75	56	40	27	17	8	0	-7	-13	-18	-22	-26	-30	-33	-36	-39	-39		
75	3650	1775	1150	838	650	525	436	369	317	275	241	213	188	168	150	134	121	108	97	88	67	50	36	25	15	7	0	-6	-12	-17	-21	-25	-29	-32	-35	-35		
80	3900	1900	1233	900	700	567	471	400	344	300	264	233	208	186	167	150	135	122	111	100	78	60	45	33	23	14	7	0	-6	-11	-16	-20	-24	-27	-30	-30		
85	4150	2025	1317	963	750	608	507	431	372	325	286	254	227	204	183	166	150	136	124	113	89	70	55	42	31	21	13	6	0	-6	-11	-15	-19	-23	-26	-26		
90	4400	2150	1400	1025	800	650	543	463	400	350	309	275	246	221	200	181	165	150	137	125	100	80	64	50	38	29	20	13	6	0	-5	-10	-14	-18	-22	-22		
95	4650	2275	1483	1088	850	692	579	494	428	375	332	296	265	239	217	197	179	164	150	138	111	90	73	58	46	36	27	19	12	6	0	-5	-10	-14	-17	-17		
100	4900	2400	1567	1150	900	733	614	525	456	400	355	317	285	257	233	213	194	178	163	150	122	100	82	67	54	43	33	25	18	11	5	0	-5	-9	-13	-13		
105	5150	2525	1650	1213	950	775	650	556	483	425	377	338	304	275	250	228	209	192	176	163	133	110	91	75	62	50	40	31	24	17	11	5	0	-5	-9	-9		
110	5400	2650	1733	1275	1000	817	686	588	511	450	400	358	323	293	267	244	224	206	189	175	144	120	100	83	69	57	47	38	29	22	16	10	5	0	-4	-4		
115	5650	2775	1817	1338	1050	858	721	619	539	475	423	379	342	311	283	259	238	219	203	188	156	130	109	92	77	64	53	44	35	28	21	15	10	5	0	0		

#### References

1. Campbell PE, Smith GS, Smith JM. Retrospective clinical evaluation of gauze-based negative pressure wound therapy. *Int Wound J* 2008; 5: 280-286
2. Kantor J, Margolis DJ. A multicenter study of percentage change in venous leg ulcer area as a prognostic index of healing at 24 weeks. *Br J Dermatol* 2000; 142: 960-4.
3. Milne, J. Using disposable negative pressure wound therapy in the community. *JCN Supplement* 2015, Vol 29, No 5: 10-15
4. Gelfand JM, Hoffstad O, Margolis DJ. Surrogate endpoints for the treatment of venous leg ulcers. *J Invest Dermatol* 2002; 119: 1420-5

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