

Interventional Oncology

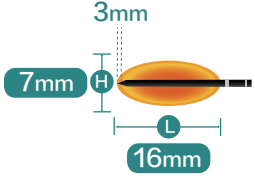
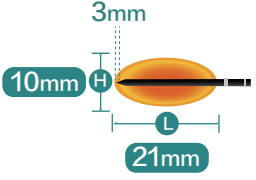
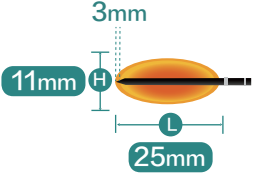
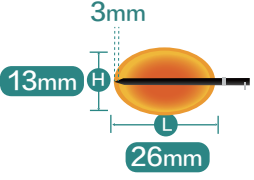
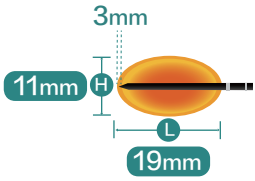
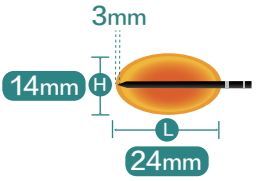
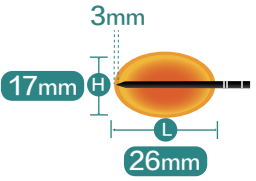
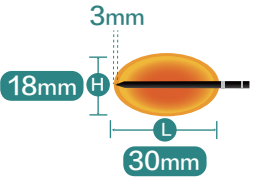
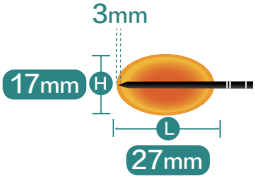
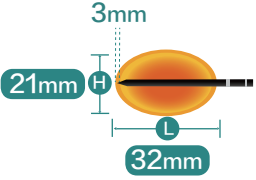
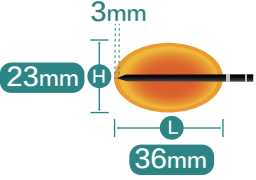
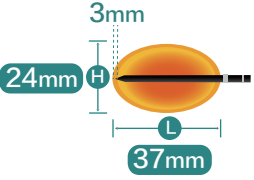
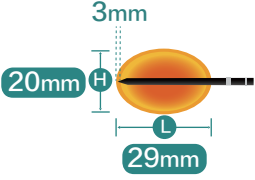
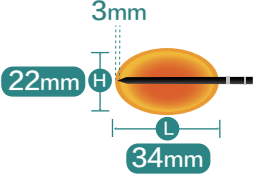
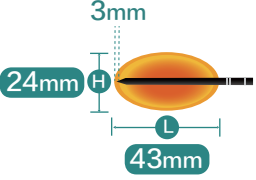
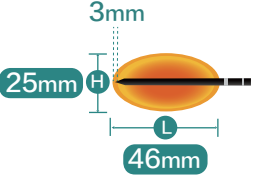
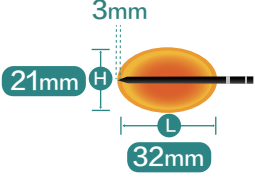
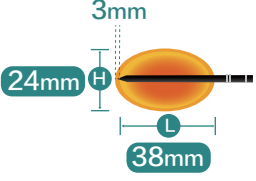
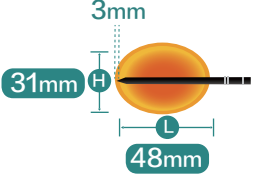
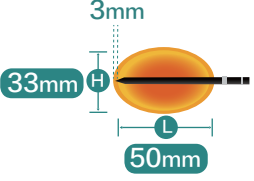
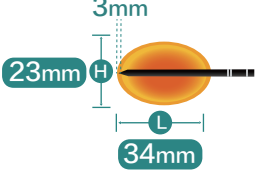
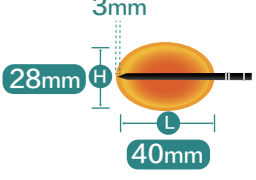
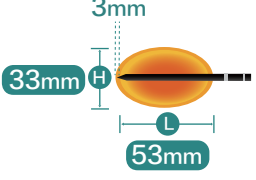
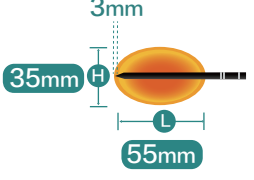
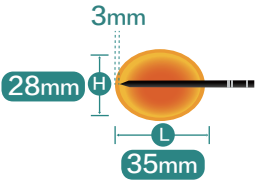
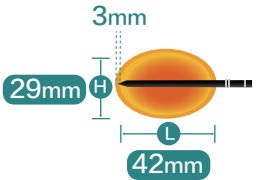
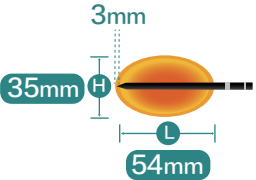
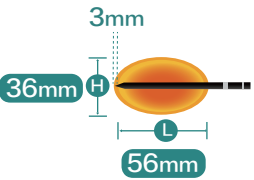
Ablation Zone Chart

Disposable Microwave Therapeutic Antennas



Ablation Zone - Metallic Antenna on Continuous Mode

14G, Metallic Antenna, 11mm Exposed Tip, 15cm Shaft, Continuous Mode

	20W(mm)	40W(mm)	60W(mm)	70W(mm)
30s				
1min				
3min				
5min				
8min				
10min				
12min				



Ablation Zone - Metallic Antenna on Continuous Mode

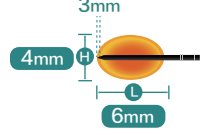
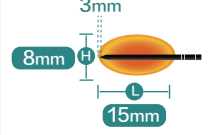
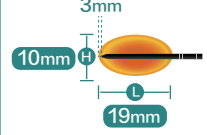
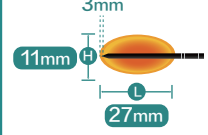
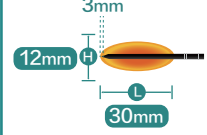
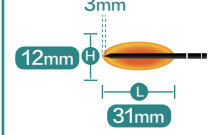
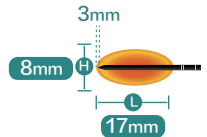
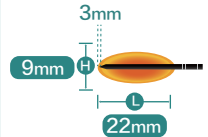
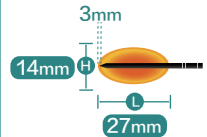
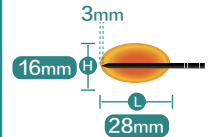
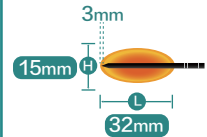
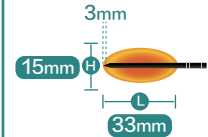
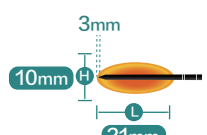
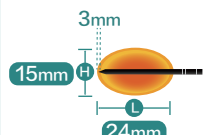
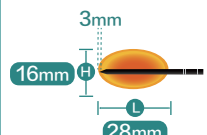
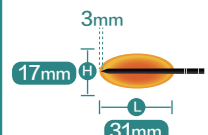
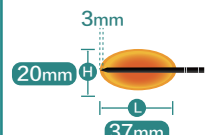
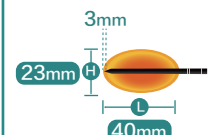
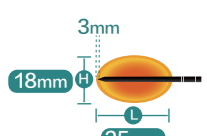
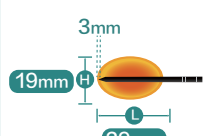
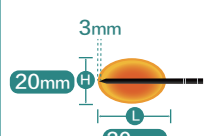
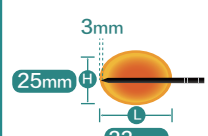
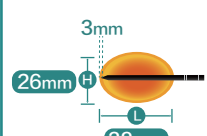
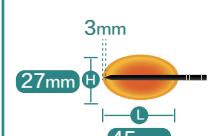
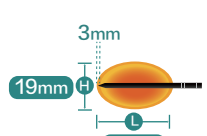
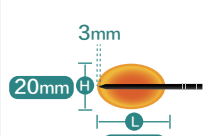
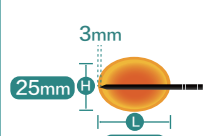
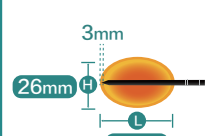
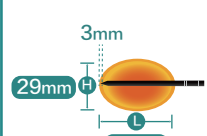
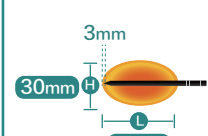
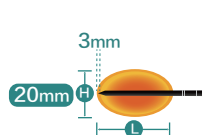
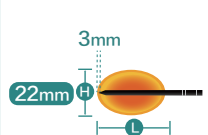
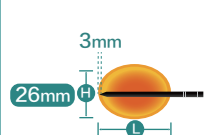
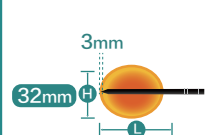
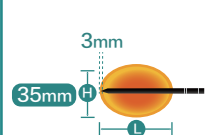
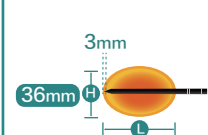
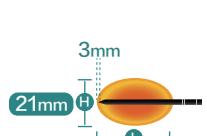
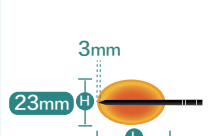
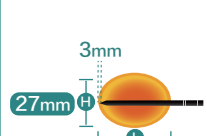
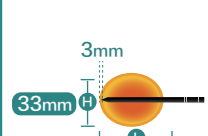
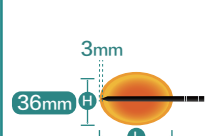
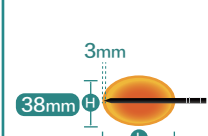
16G, Metallic Antenna, 10mm Exposed Tip, 15cm Shaft, Continuous Mode

	20W(mm)	30W(mm)	40W(mm)	50W(mm)	60W(mm)
30s	<p>6mm H L 19mm 3mm</p>	<p>7mm H L 21mm 3mm</p>	<p>8mm H L 24mm 3mm</p>	<p>9mm H L 25mm 3mm</p>	<p>10mm H L 26mm 3mm</p>
1min	<p>9mm H L 23mm 3mm</p>	<p>10mm H L 25mm 3mm</p>	<p>11mm H L 28mm 3mm</p>	<p>12mm H L 29mm 3mm</p>	<p>17mm H L 31mm 3mm</p>
2min	<p>11mm H L 25mm 3mm</p>	<p>13mm H L 28mm 3mm</p>	<p>14mm H L 32mm 3mm</p>	<p>16mm H L 34mm 3mm</p>	<p>18mm H L 37mm 3mm</p>
3min	<p>13mm H L 28mm 3mm</p>	<p>16mm H L 32mm 3mm</p>	<p>17mm H L 33mm 3mm</p>	<p>22mm H L 37mm 3mm</p>	<p>23mm H L 39mm 3mm</p>
5min	<p>20mm H L 29mm 3mm</p>	<p>22mm H L 34mm 3mm</p>	<p>23mm H L 37mm 3mm</p>	<p>25mm H L 41mm 3mm</p>	<p>27mm H L 46mm 3mm</p>
8min	<p>24mm H L 32mm 3mm</p>	<p>25mm H L 35mm 3mm</p>	<p>27mm H L 43mm 3mm</p>	<p>32mm H L 45mm 3mm</p>	<p>33mm H L 50mm 3mm</p>
10min	<p>24mm H L 34mm 3mm</p>	<p>26mm H L 36mm 3mm</p>	<p>30mm H L 43mm 3mm</p>	<p>35mm H L 45mm 3mm</p>	<p>37mm H L 55mm 3mm</p>



Ablation Zone - Metallic Antenna on Pulsed Mode

14G, Metallic Antenna, 11mm Exposed Tip, 15cm Shaft, Pulsed Mode

	20W(mm)	30W(mm)	40W(mm)	60W(mm)	80W(mm)	100W(mm)
30s						
1min						
3min						
5min						
8min						
10min						
12min						



Ablation Zone - Metallic Antenna on Pulsed Mode

16G, Metallic Antenna, 10mm Exposed Tip, 15cm Shaft, Pulsed Mode

	20W(mm)	30W(mm)	40W(mm)	60W(mm)	80W(mm)
30s	<p>5mm H L 11mm 3mm</p>	<p>6mm H L 16mm 3mm</p>	<p>8mm H L 18mm 3mm</p>	<p>10mm H L 25mm 3mm</p>	<p>11mm H L 27mm 3mm</p>
1min	<p>7mm H L 19mm 3mm</p>	<p>9mm H L 21mm 3mm</p>	<p>9mm H L 25mm 3mm</p>	<p>12mm H L 30mm 3mm</p>	<p>13mm H L 35mm 3mm</p>
3min	<p>11mm H L 21mm 3mm</p>	<p>14mm H L 22mm 3mm</p>	<p>16mm H L 27mm 3mm</p>	<p>21mm H L 34mm 3mm</p>	<p>21mm H L 42mm 3mm</p>
5min	<p>14mm H L 23mm 3mm</p>	<p>20mm H L 28mm 3mm</p>	<p>21mm H L 29mm 3mm</p>	<p>25mm H L 37mm 3mm</p>	<p>27mm H L 45mm 3mm</p>
8min	<p>18mm H L 28mm 3mm</p>	<p>22mm H L 31mm 3mm</p>	<p>23mm H L 34mm 3mm</p>	<p>27mm H L 40mm 3mm</p>	<p>30mm H L 47mm 3mm</p>
10min	<p>19mm H L 30mm 3mm</p>	<p>25mm H L 35mm 3mm</p>	<p>26mm H L 38mm 3mm</p>	<p>30mm H L 42mm 3mm</p>	<p>36mm H L 48mm 3mm</p>
12min	<p>20mm H L 31mm 3mm</p>	<p>28mm H L 37mm 3mm</p>	<p>29mm H L 38mm 3mm</p>	<p>31mm H L 43mm 3mm</p>	<p>37mm H L 49mm 3mm</p>



Ablation Zone - Ceramic Antenna on Continuou Mode

14G, Ceramic Antenna, 12mm Exposed Tip, 15cm Shaft, Continuous Mode

	20W(mm)	40W(mm)	60W(mm)	80W(mm)
30s	<p>8mm H 3mm L 18mm</p>	<p>10mm H 3mm L 23mm</p>	<p>10mm H 3mm L 27mm</p>	<p>12mm H 3mm L 32mm</p>
1min	<p>10mm H 3mm L 20mm</p>	<p>14mm H 3mm L 24mm</p>	<p>15mm H 3mm L 32mm</p>	<p>18mm H 3mm L 38mm</p>
3min	<p>17mm H 3mm L 25mm</p>	<p>22mm H 3mm L 32mm</p>	<p>25mm H 3mm L 41mm</p>	<p>25mm H 3mm L 44mm</p>
5min	<p>20mm H 3mm L 26mm</p>	<p>25mm H 3mm L 35mm</p>	<p>31mm H 3mm L 51mm</p>	<p>36mm H 3mm L 57mm</p>
8min	<p>25mm H 3mm L 31mm</p>	<p>31mm H 3mm L 40mm</p>	<p>36mm H 3mm L 52mm</p>	<p>40mm H 3mm L 65mm</p>
10min	<p>27mm H 3mm L 32mm</p>	<p>35mm H 3mm L 45mm</p>	<p>37mm H 3mm L 53mm</p>	<p>43mm H 3mm L 65mm</p>
12min	<p>30mm H 3mm L 33mm</p>	<p>35mm H 3mm L 48mm</p>	<p>38mm H 3mm L 65mm</p>	<p>55mm H 3mm L 70mm</p>



Ablation Zone - Ceramic Antenna on Continuou Mode

16G, Ceramic Antenna, 12mm Exposed Tip, 15cm Shaft, Continuous Mode

	20W(mm)	30W(mm)	40W(mm)	50W(mm)	60W(mm)
30s	<p>6mm H 15mm L 3mm H</p>	<p>8mm H 18mm L 3mm H</p>	<p>9mm H 20mm L 3mm H</p>	<p>10mm H 22mm L 3mm H</p>	<p>12mm H 25mm L 3mm H</p>
1min	<p>8mm H 18mm L 3mm H</p>	<p>11mm H 22mm L 3mm H</p>	<p>13mm H 28mm L 3mm H</p>	<p>16mm H 30mm L 3mm H</p>	<p>18mm H 31mm L 3mm H</p>
2min	<p>12mm H 21mm L 3mm H</p>	<p>14mm H 24mm L 3mm H</p>	<p>17mm H 30mm L 3mm H</p>	<p>25mm H 31mm L 3mm H</p>	<p>25mm H 36mm L 3mm H</p>
3min	<p>14mm H 23mm L 3mm H</p>	<p>18mm H 24mm L 3mm H</p>	<p>20mm H 35mm L 3mm H</p>	<p>25mm H 38mm L 3mm H</p>	<p>26mm H 40mm L 3mm H</p>
5min	<p>17mm H 28mm L 3mm H</p>	<p>23mm H 36mm L 3mm H</p>	<p>25mm H 45mm L 3mm H</p>	<p>27mm H 48mm L 3mm H</p>	<p>35mm H 55mm L 3mm H</p>
8min	<p>25mm H 33mm L 3mm H</p>	<p>28mm H 36mm L 3mm H</p>	<p>33mm H 47mm L 3mm H</p>	<p>35mm H 50mm L 3mm H</p>	<p>36mm H 58mm L 3mm H</p>
10min	<p>26mm H 34mm L 3mm H</p>	<p>31mm H 41mm L 3mm H</p>	<p>38mm H 48mm L 3mm H</p>	<p>39mm H 57mm L 3mm H</p>	<p>40mm H 59mm L 3mm H</p>



Ablation Zone - Ceramic Antenna on Pulse Mode

14G, Ceramic Antenna, 12mm Exposed Tip, 15cm Shaft, Pulse Mode

	20W(mm)	30W(mm)	40W(mm)	60W(mm)	80W(mm)	100W(mm)
30s	<p>5mm, 9mm, 3mm</p>	<p>6mm, 16mm, 3mm</p>	<p>8mm, 20mm, 3mm</p>	<p>10mm, 20mm, 3mm</p>	<p>14mm, 21mm, 3mm</p>	<p>14mm, 25mm, 3mm</p>
1min	<p>7mm, 17mm, 3mm</p>	<p>9mm, 19mm, 3mm</p>	<p>10mm, 20mm, 3mm</p>	<p>13mm, 24mm, 3mm</p>	<p>15mm, 26mm, 3mm</p>	<p>16mm, 29mm, 3mm</p>
3min	<p>14mm, 21mm, 3mm</p>	<p>15mm, 22mm, 3mm</p>	<p>21mm, 28mm, 3mm</p>	<p>23mm, 32mm, 3mm</p>	<p>24mm, 38mm, 3mm</p>	<p>28mm, 40mm, 3mm</p>
5min	<p>14mm, 23mm, 3mm</p>	<p>20mm, 28mm, 3mm</p>	<p>21mm, 29mm, 3mm</p>	<p>25mm, 35mm, 3mm</p>	<p>30mm, 42mm, 3mm</p>	<p>32mm, 48mm, 3mm</p>
8min	<p>22mm, 24mm, 3mm</p>	<p>22mm, 28mm, 3mm</p>	<p>27mm, 32mm, 3mm</p>	<p>30mm, 40mm, 3mm</p>	<p>36mm, 50mm, 3mm</p>	<p>40mm, 53mm, 3mm</p>
10min	<p>23mm, 25mm, 3mm</p>	<p>24mm, 29mm, 3mm</p>	<p>28mm, 35mm, 3mm</p>	<p>30mm, 43mm, 3mm</p>	<p>37mm, 52mm, 3mm</p>	<p>42mm, 60mm, 3mm</p>
12min	<p>23mm, 28mm, 3mm</p>	<p>26mm, 30mm, 3mm</p>	<p>29mm, 35mm, 3mm</p>	<p>34mm, 44mm, 3mm</p>	<p>40mm, 53mm, 3mm</p>	<p>42mm, 61mm, 3mm</p>



Ablation Zone - Ceramic Antenna on Continuou Mode

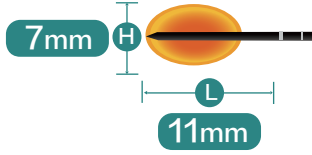
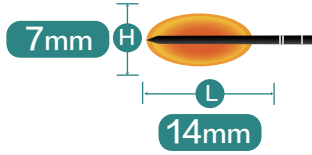
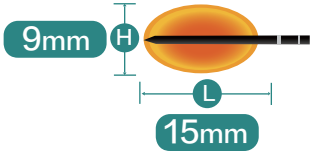
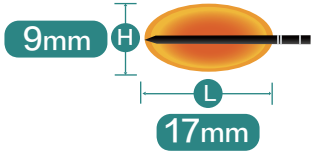
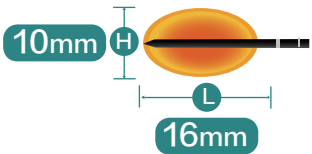
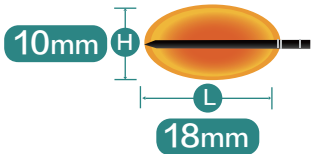
16G, Ceramic Antenna, 12mm Exposed Tip, 15cm Shaft, Pulse Mode

	20W(mm)	30W(mm)	40W(mm)	60W(mm)	80W(mm)
30s					
1min					
3min					
5min					
8min					
10min					
12min					



Ablation Zone - Thyroid Antenna

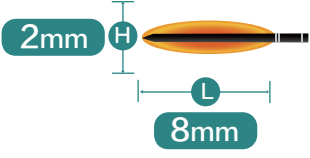
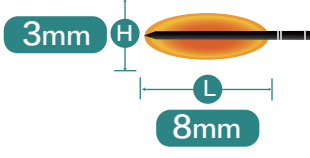
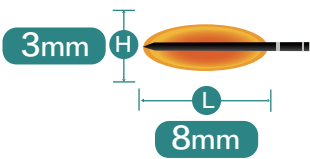
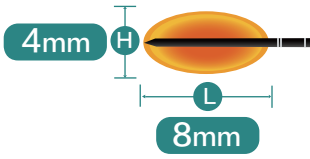
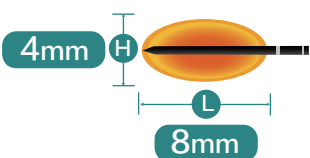
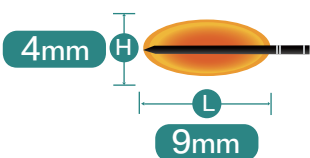
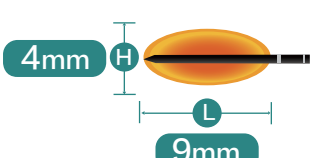
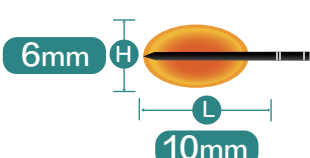
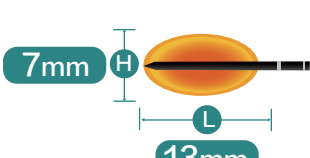
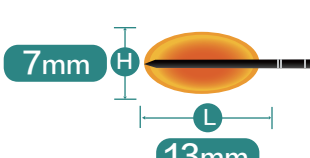
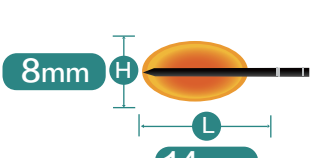
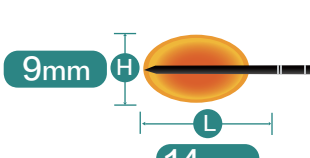
16G, Thyroid Antenna, 3.5mm Exposed Tip, 10cm Shaft

	30W(mm)	40W(mm)
20s	 <p>7mm H L 11mm</p>	 <p>7mm H L 14mm</p>
30s	 <p>9mm H L 15mm</p>	 <p>9mm H L 17mm</p>
40s	 <p>10mm H L 16mm</p>	 <p>10mm H L 18mm</p>



Ablation Zone - Thyroid Antenna

17G, Thyroid Antenna, 3.5mm Exposed Tip, 10cm Shaft

	20W(mm)	25W(mm)
15s		
20s		
25s		
30s		
1min		
2min		
3min	