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## NEWS RELEASE

### GUIDELINES FOR TEMPERATURE ASSESSMENT

#### Quick Pointers for Comparing Different Methods of Thermometry

It's important to note that different types of thermometers (arterial, oral, axillary, rectal) will give varied temperature readings. Even if the same type of thermometer used consecutively, slightly varied recordings will be noted. This is no cause for alarm. Arterial temperature measurement, such as the one recorded by temporal artery thermometers, leads all other methods in identifying fever (or defervescence) and is unaffected by patient activity. Accordingly, it will be sometimes different—but correct.

The following chart presents the mean normal temperature at the common temperature measurement sites under normal resting conditions:

<b>Thermometer Type</b>	<b>Mean Normal Temperature (Fahrenheit)</b>	<b>Mean Normal Temperature (Celsius)</b>
<b>Arterial</b>	97.4 – 100.1 °F	36.3 – 37.8 °C
<b>Axillary</b>	95.5 – 98.8 °F	35.3 – 37.1 °C
<b>Oral</b>	96.6 – 99.5 °F	35.9 – 37.5 °C
<b>Rectal</b>	97.7 – 100.3 °F	36.5 – 37.9 °C

One of the most accurate and least invasive ways to measure a fever is with a temporal artery thermometer. The Exergen TemporalScanner®, available at Wal-Mart, Walgreens, Costco, Babies R Us, Toys R Us and Sam's Clubs around the country, measures temperature with accuracy

-more-

## **Guidelines for Patient Temperature Assessment...add one**

comparable to rectal thermometers with only a gentle swipe across the forehead. The manufacturer's suggested retail price is under \$50.

Exergen Corporation is an internationally respected innovator and leading manufacturer of an extensive line of patented infrared thermometers, scanners, sensors and controls used in a wide variety of industrial and medical applications for professional and consumer use. Founded by Harvard research scientist Francesco Pompei, Ph.D. nearly three decades ago in Boston, MA, the company continues to lead the way in its field by providing highly accurate results with less invasiveness, greater comfort and lower cost than any other thermometry method.

For more information, visit [www.exergen.com](http://www.exergen.com) or contact Barbara Moss at [barbara@rosica.com](mailto:barbara@rosica.com), (201) 843-5600.

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