

PRACTICAL APPLICATION OF THE MICROSENSOR THERAMON IN TREATMENT WITH REMOVABLE ORTHODONTIC DEVICES

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The main problem with the use of removable orthodontic appliances is the inability to control the wear of the apparatus by doctor. Using the microsensor of TheraMon allows the orthodontist to get reliable data about the time and frequency of wearing a removable appliance. Microsensors are sensitive to temperature in a mouth while using the device, they record the temperature every 15 minutes. During each patient's visit the device is removed from the mouth and connected to a special reading device, which transmits data to a computer program with built-in transmitter. In my practice, we are faced with an interesting fact that some patients the first few months after installing the microsensor were trying to mislead the orthodontist, not using the appliance in a month and actively wearing it a few days before the next appointment. By the use of microsensor TheraMon we have achieved the planned results of treatment in 97.2% of patients. This system allows the orthodontist to get complete and objective data about the time and frequency of wearing the appliance.