**Periodontal Disease**

**Description**
Periodontal disease, which is inflammation and infection of gum tissue, occurs when plaque and tartar are allowed to build up on teeth. It progresses to gum recession, and bone and tooth loss.

**Early Detection**
Recommended: oral exams twice a year and annual dental cleanings.

**Why Needed**
Periodontal disease can contribute to:
- Pain
- Difficulty eating
- Jaw bone and/or tooth loss
- Kidney, liver and heart disease
- Behavioral changes

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**Diabetes**

**Description**
Diabetes mellitus is a serious medical condition where your pet cannot control their blood sugar levels due to problems with insulin production or function. Common symptoms include drinking and urinating more than normal, along with unexplained weight loss or gain.

**Early Detection**
Recommended: annual urinalysis and bloodwork to check blood glucose levels, liver and kidney function.

**Why Needed**
Diabetes can contribute to:
- Liver and kidney damage
- Hyperglycemia
- Lethargy
- Cataracts
- Shortened life expectancy

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**Urolithiasis**

**Description**
Urolithiasis is the formation of stones in the urinary tract, usually in the kidney or bladder. They are commonly referred to as kidney or bladder stones. These stones irritate the lining of the urinary tract.

**Early Detection**
Recommended: an annual urinalysis to detect blood or crystals in the urine.

**Why Needed**
Urolithiasis can contribute to:
- Difficulty urinating
- Blood in the urine
- Kidney damage
- Inability to urinate which can be fatal
- The need for surgery

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**Optimum Wellness Plans® and Miniature Pinschers**

**Included in the Active Prevention Plan**
- Oral examinations twice a year*
- Annual dental cleaning
- Annual urinalysis
- Annual blood work

*Part of the comprehensive examination

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**Consult your Banfield medical team for the best plan level for your individual pet.**

For other breed handouts go to banfield.com/dogbreeds.