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| Investigator:              | <b>Mark Nanes</b><br>Phone: (404) 321-6111 ext. 2076<br>Email: Mark.nanes@va.gov   |
| Primary Research Interest: | Internal Medicine  |
| Description of Research:   | Inflammation and the inhibition of bone formation. Vitamin D. Cytokines. Skeletal health. Molecular mechanism of inflammatory inhibition of bone formation. Clinical outcomes for skeletal health.   |
| Relevance to VA:           | Fractures are a morbid and costly healthcare problem. Half of hip fractures require further nursing home care, loss of mobility, loss of independence. 30% of men die within 6 months of a hip fracture. Our research identifies the mechanism of inflammation induced suppression of new bone formation (healing). Our research is applicable to osteoporosis, rheumatoid arthritis, and cancer metastases. |