List of Figures

Figure N	Page No.	
1	Schematic diagram of possible locations for bone water	7
2	Diagramatic representation of the cells associated with bone surfaces in young and adult animals	10
3	Schematic model to show the role of pyrophosphate in mineral deposition and resorption at crystal surfaces in bone.	13
4 -a	Pelvic bone	56
4 - b	Femur	56
4 -c	Tarsus	58
4 –d	Mandible	58
4 - e	Measurements of length and width	70
5	Stages of development in selected bones.	88
6	SiChemical composition of bone during development	120
7	Effects of undernutrition during the suckling period	126
8	The effects of different degrees of under- nutrition during the suckling period on body weight and bone size	127
9	The effects of different degrees of under- nutrition on the percentage composition of bones	161
10	The effects of postweaning deficiencies of food energy and protein on growth in rats.	164
11	The effects of postweaning nutritional stress	167
12	The effects of postweaning deficiencies of food energy and protein on body weight and bone size.	173

Figure N	<u>.</u>	Page No.
13	The effects of postweaning deficiencies of food energy and protein on the percentage	
	composition of bones	198
14	The effects of maternal vitamin A	
	deficiency	206
15	The effects of maternal vitamin A deficiency.on body.weight and.bone size.in	
	the progeny	211
16	The effects of maternal vitamin A deficiency on the percentage composition of	
	bones	238
17	The effects of vitamin A deficiency during the postweaning period on the body weights	
	of rats	240
18	The effects of postweaning vitamin A. defic	iency 242
19	The effects of vitamin A deficiency during postweaning period on body weight and bone	
	size	248
20	The effects of postweaning vitamin A deficiency on percentage composition of bon	es. 274
	detrement on hereen such combostoren or non	