

VETERINARY PHARMACOVIGILANCE SURVEY

2011-2013 Tamil Nadu, India

Dr. G. SARATH CHANDRA, Ph.D

Professor and Head

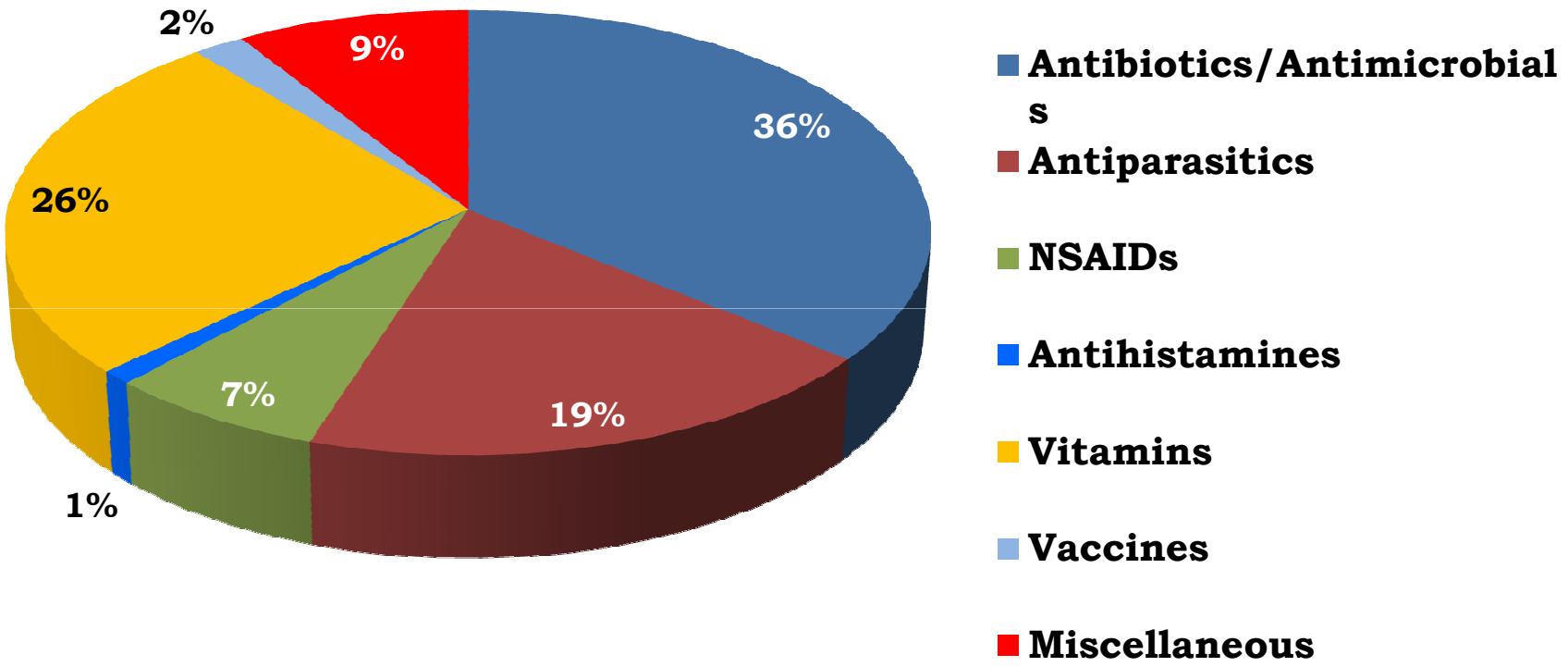
Pharmacovigilance Laboratory for Animal Feed and Food Safety

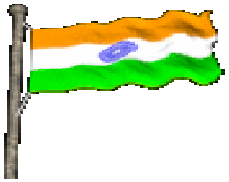
Directorate of Centre for Animal Health Studies

Tamil Nadu Veterinary and Animal Sciences University

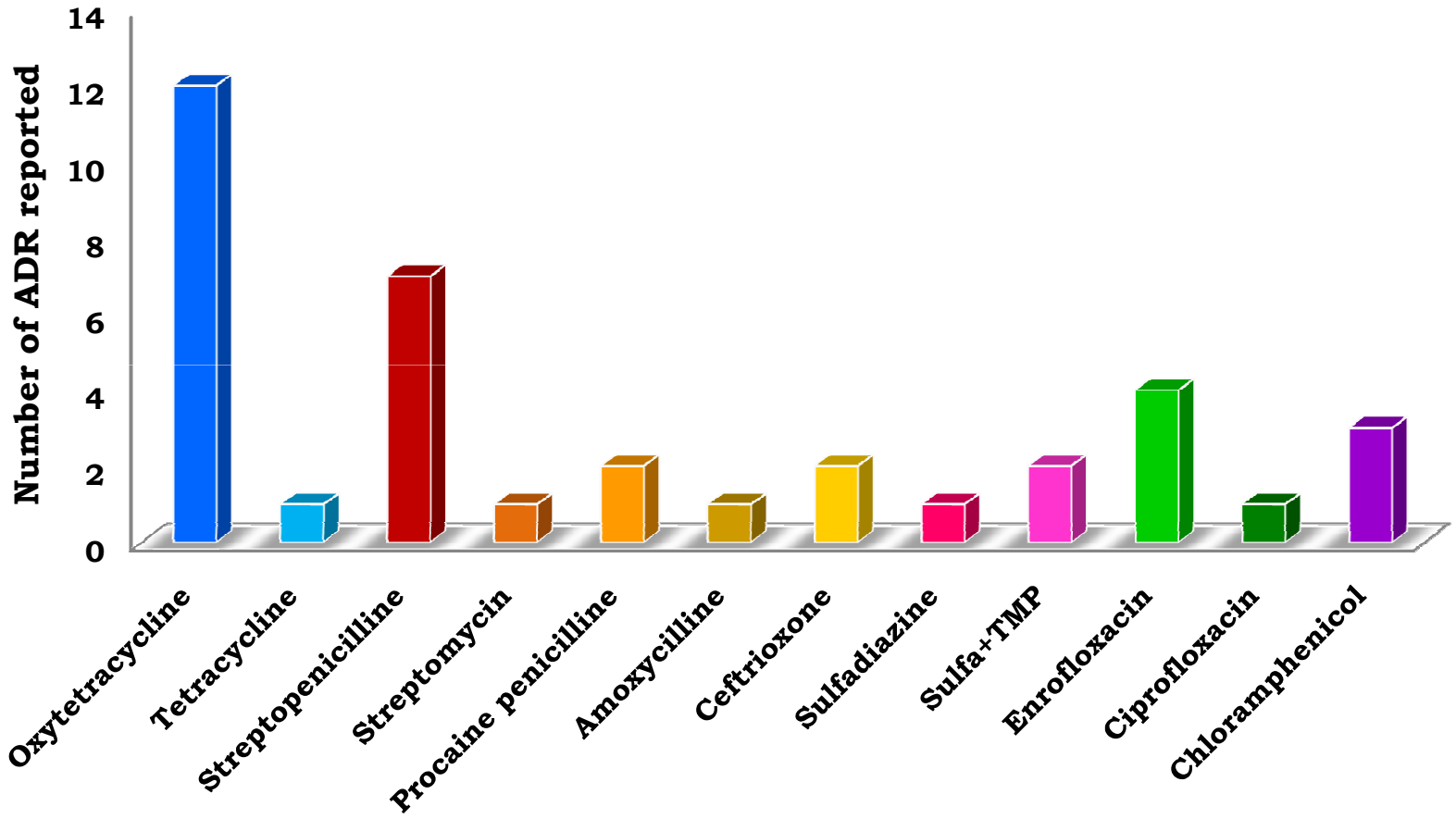
Chennai – 600 051, INDIA

Sources of ADRs - Recorded from 2011-2012 in Tamil Nadu State, India



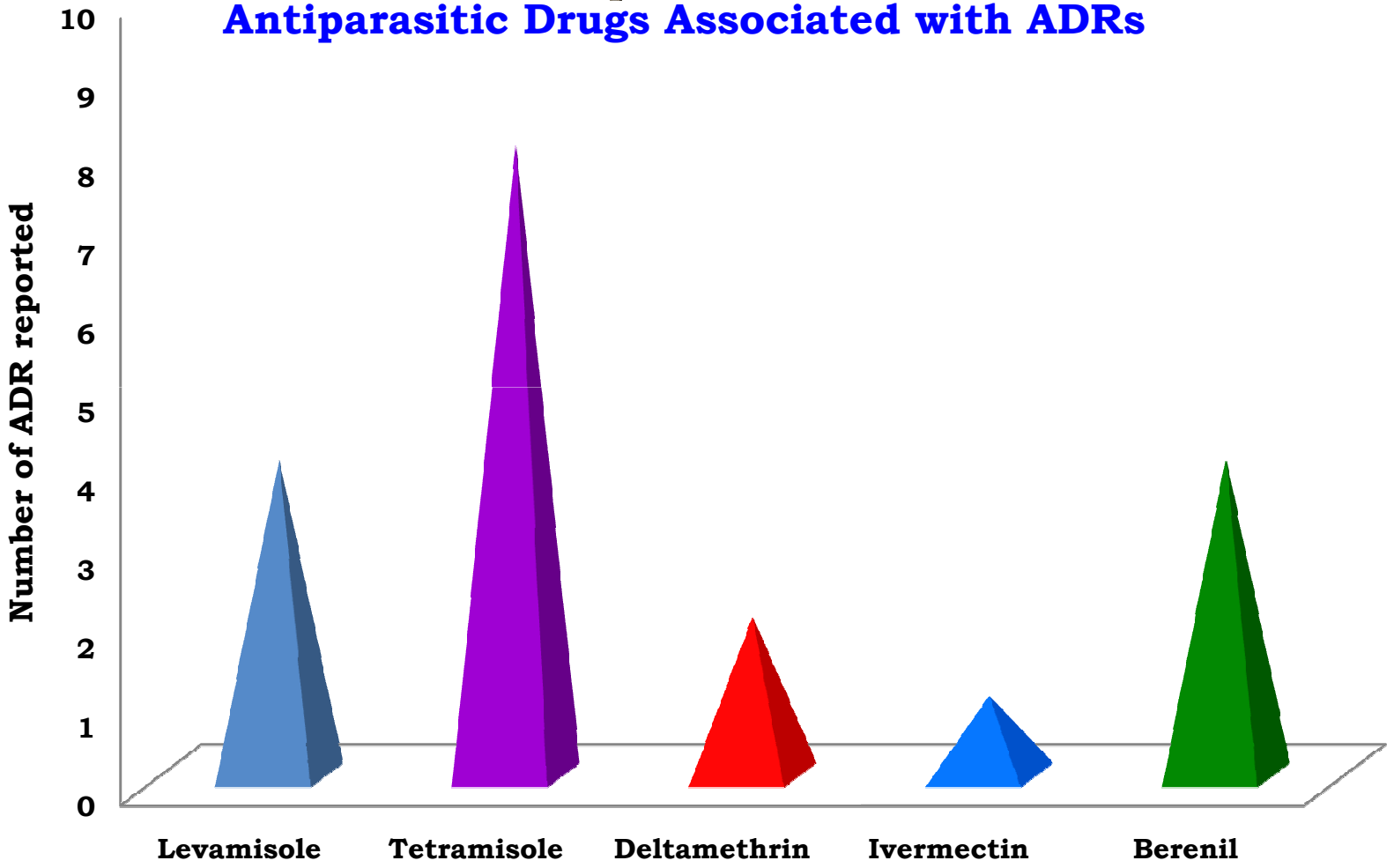


Antibiotics / Antimicrobials Associated with ADRs



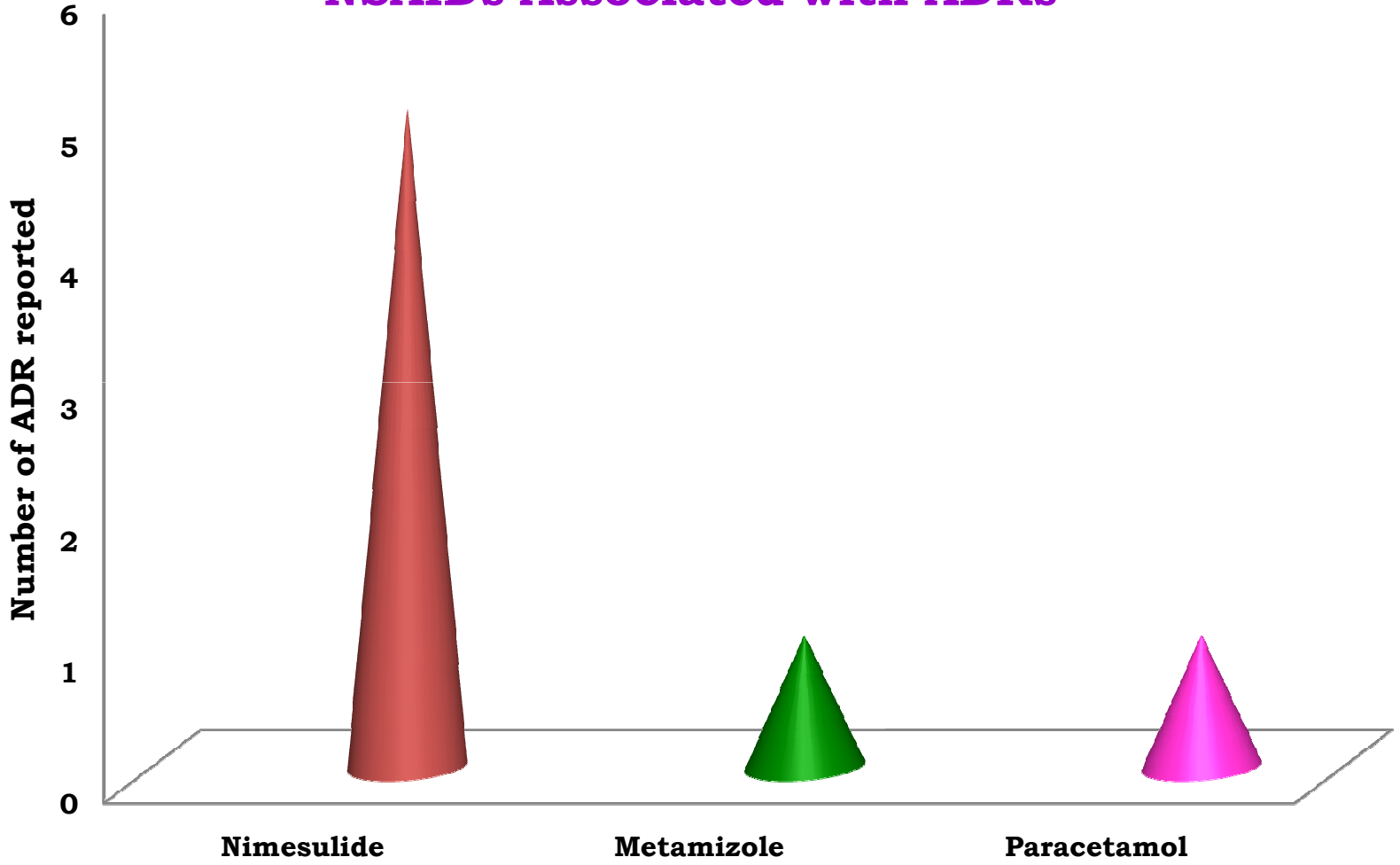


Antiparasitic Drugs Associated with ADRs



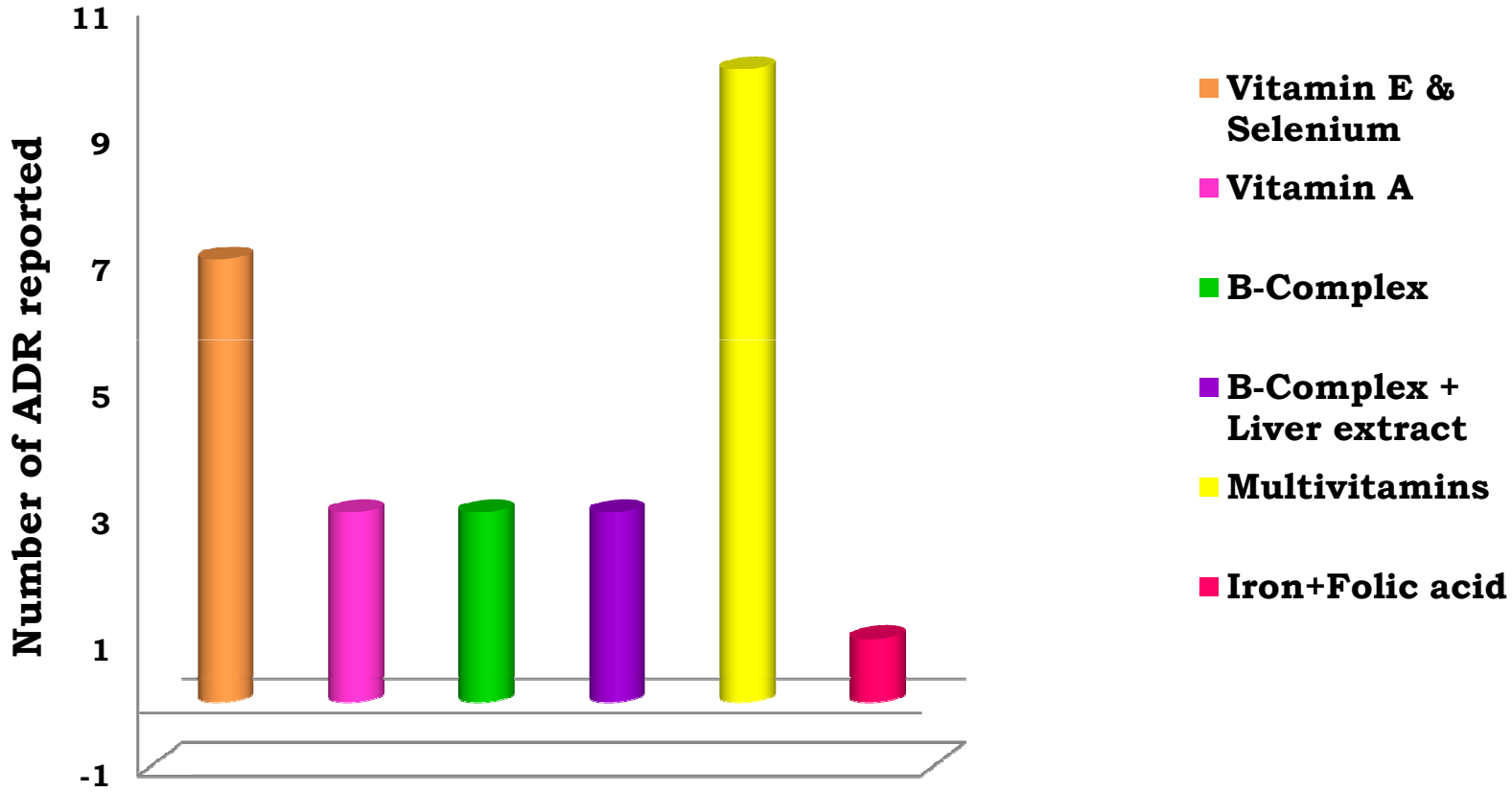


NSAIDs Associated with ADRs



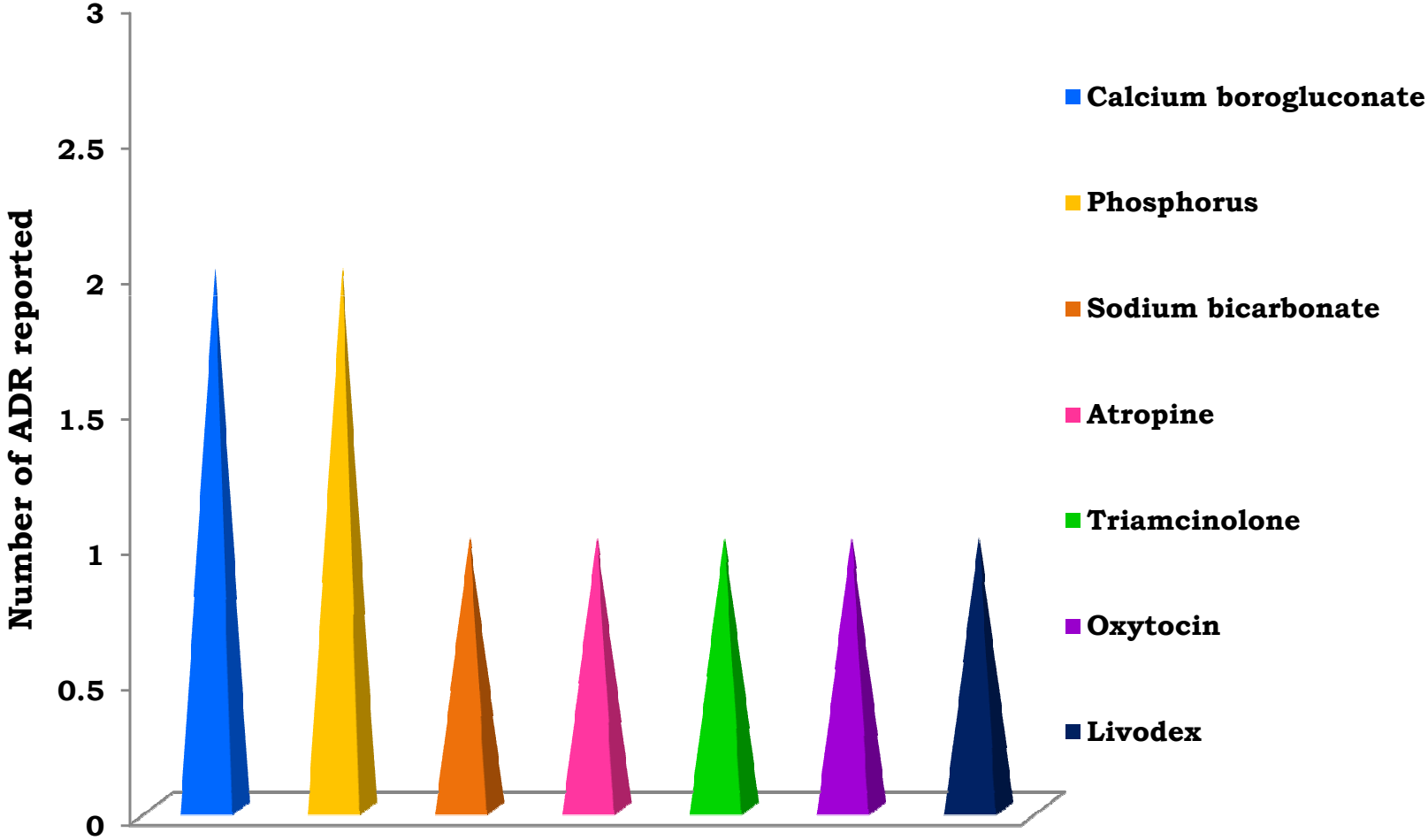


Vitamins Associated with ADRs





Miscellaneous Drugs Associated with ADRs





Adverse Drug Reactions Reported - Antibiotics/Antimicrobials

Antibiotics / Antimicrobials

Class of Drugs	Species	Adverse Drug Reactions	No. of ADR Reported
Oxytetracycline	Cattle & Goat	Pain, swelling, staggering gait, giddiness, sudden fell down, urination, respiratory distress-asphysia. i.m, preparation - but given through i.v route, 90ml along with DS, after 30 minutes animal collapsed	12
Tetracycline	Cattle	Edema at injection site	1
Strepto-penicillin	Cattle	Salivation, Anaphylaxis, exaggerated allergic skin reactions, giddiness, allergic swelling over the body, death	7
Streptomycin	Cattle	Death	1
Enrofloxacin	Dog	Giddiness	1
	Cattle	Allergic reactions, salivation, mydriasis	2
	Calf	Collapsed after i.v injection	1
Ciprofloxacin	Cattle	Shivering, tremor, abdominal coughing	1
Chloramphenicol	Goat	Abortion	1
	Cattle	Urticaria, tremor	2
Procaine penicillin	Cattle	Death	1
Penicillin	Goat	Allergic reactions	1
Amoxycillin	Cattle	Hyperactivity, Allergic reaction	1
Ceftrioxone	Cattle	Anaphylactic reaction, ocular edema, Skin rashes	2
Sulfadiazine	Cattle	Skin eruptions	1
Sulfa+ Trimethoprime	Cattle	Bradycardia, Suddenly fell down, Urticaria, Salivation, Kicking of legs	2



Adverse Drug Reactions Reported - Antiparasitics

Class of Drugs	Species	Adverse Drug Reactions	No. of ADR Reported
Levamisole	Dog	Salivation, Nervous signs, Tremor, Death	1
	Goat	Nervous symptoms, Sudden fall down, Death	2
	Cattle	Tremor, enteritis	1
Butox (Deltamethrin)	Dog	Extensive salivation	1
	Goat	Off feed	1
Tetramisole	Sheep & Goat	Excessive salivation, Anorexia, shivering, extended head, collapsed	4
Tetramisole	Cattle	Salivation, nervous symptoms, staggering gait, shock	4
Ivermectin	Dog	Tremor, severe convulsion	1
Berenil	Cattle	Colic, frequent falling down, shivering, Cyanosis of mucous membranes, Salivation, Allergic reactions	4



Adverse Drug Reactions Reported - NSAIDS

Class of Drugs	Species	Adverse Drug Reactions	No. of ADR Reported
Nimesulide	Cattle	Muscular Tremor, Abortion	3
	Sheep & Goat	Paraplegia	1
	Dog	Severe pain	1
Analgin (Metamizole)	Cattle	Tremor	1
Paracetamol	Cattle	Nervous symptoms	1

Adverse Drug Reactions Reported - Antihistamines and Vitamins

Class of Drugs	Species	Adverse Drug Reactions	No. of ADR Reported
Ranitidine	Dog	Convulsion	1
Vitamin-E and Selenium	Dog	Allergic reactions	2
	Cattle, Sheep & Goat	Salivation, Shivering, Cutaneous eruptions, Allergic reactions, Shock, Death	5
Multivitamins	Dog	Allergic reaction, skin erythema, shivering	2
	Cattle	Anarectic, Salivation, Allergic reactions, sudden fell down, Shock and death, Jerking of limbs	8
Vitamin – A	Cattle	Anaphylactic reaction	1
	Dog	Facial edema, Salivation, Reddening of skin, itching sensation	2
B-complex	Dog	Salivation, Vomiting, Allergic reaction, swelling of eyes, Unconsciousness	2
	Goat	Respiratory distress	1
B-complex with liver extract	Cattle	Anaphylactic reaction, hyperesthesia, convulsion	2
	Goat	Nervous signs	1
Feritas (Iron, sorbitol, citric acid, Folic acid,	Cattle	Swelling of head, salivation, tremors, death	1

Vaccines & Miscellaneous Drugs

Class of Drugs	Species	Adverse Drug Reactions	No. of ADR Reported
FMD	Cattle & goat	Hoof lesions developed, Animal fell down	2
Calcium borogluconate	Cattle	Tremor, fell down but recovered after few minutes	2
Phosphorus	Cattle & Goat	Local swelling and Inflammatory changes, Dyspnoea	2
Sodium bicarbonate	Goat	Pain, pedalling movement	1
Atropine	Elephants	Tremor, severe mydriasis	1
Triamcinolone	Cattle	Salivation, erythema, eruptions, respiratory distress	1
Oxytocin	Cattle	Death	1
Livodex	Cattle	Nervous symptoms	1

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Remembering Gandhi



Thank You

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Change
You Wish To See In
The World

Slide 13

Sc1 Sarath chandra, 03-08-2004