

**Supplementary Table.** Sub-themes and domains under SUM and RUM used for classification

Theme	Sub-theme	Domain				Total
		Discovery	Development	Delivery	Description	
Safe	Antibiotic/anti infective	0	2	0	1	3
	Community Pharmacy	0	2	0	1	3
	Education, Information, Communication	0	2	3	2	7
	High risk population	0	14	5	1	20
	Pharma industry related	0	1	0	2	3
	Pharmacovigilance	0	5	1	5	11
	Policy/process/technology	0	33	0	6	39
	Prescription review/TDM/Transition of care	0	6	3	7	16
	Self medication/OTC	0	1	0	3	4
	Specific disease/drug	0	11	1	4	16
	Total	0	77	13	32	122
Rational	Antibiotic/anti infective	0	8	0	6	14
	Education, Information, Communication	0	5	1	0	6
	High risk population	0	5	0	3	8
	Pharma industry related	0	1	0	2	3
	Policy/process/technology	0	21	1	6	28
	Prescription review/TDM/Transition of care	0	5	1	9	15
	Self medication/OTC	0	0	0	3	3
	Specific disease/drug	0	3	0	6	9
	Community Pharmacy	0	1	0	0	1
	Total	0	49	3	35	87