-- 1) Patient History with Transactions and Lab Tests

```
p.patientID,
   CONCAT(p.firstName, ' ', p.lastName) AS patientName,
   p.gender,
  p.bloodGroup,
   p.allergies,
   d.doctorID,
   CONCAT(d.firstName, ' ', d.lastName) AS doctorName,
   d.specialization,
   dep.name AS departmentName,
   a.dateTime AS appointmentDate,
   a.status AS appointmentStatus,
   r.prescription,
   lab.testName,
   lt.result AS labTestResult,
   t.transactionID,
   t.amount AS transactionAmount,
  t.paymentMode,
   t.discount
FROM Patient p
LEFT JOIN Appointment a ON p.patientID = a.patientID
LEFT JOIN Doctor d ON a.doctorID = d.doctorID
LEFT JOIN Department dep ON d.departmentID = dep.departmentID
LEFT JOIN Records r ON p.patientID = r.patientID
LEFT JOIN LabTest 1t ON r.recordID = 1t.recordID
LEFT JOIN Laboratory lab ON lt.labID = lab.labID -- Corrected connection to fetch testName
LEFT JOIN Transaction t ON r.recordID = t.recordID -- Corrected link to transactions
ORDER BY a.dateTime DESC;
```

tientID patientNarage 80 Jatin Rasto	gender 50 M	O-	Pollen		appointmentDate appointme prescriptic testName labTestRes trans- 2/19/2025 18:30 Cancelled Levetirace Bone Marr No Infection	80		Online	discount
79 Ira Chopra	25 F	AB-	Seafood		2/19/2025 18:30 Cancelled Levetrace Bone Marr No Infection 2/19/2025 18:00 Scheduled Hydroxyur Multiple N Stable Hea NULL		NULL	NULL	NULL
78 Harsh Baja	42 M	B+	Peanuts		2/19/2025 17:30 Completec Verapamil Thalassem Normal He	78		Credit Car	
77 Garima Sh	36 F	A-	Gluten		2/19/2025 17:30 Completer Verapanni malassem Normal He 2/19/2025 17:00 Scheduled Acetaminc Sickle Cell Thyroid Fu NULL		NULL	NULL	
									NULL
76 Faizan Kha	29 M	0+	None		2/19/2025 16:30 Cancelled Folic acid Hemophili No Liver D		1090.75		8
75 Eshwar Bh	54 M	AB-	None		2/19/2025 16:00 Scheduled Sumatript: Leukemia Healthy RENULL		NULL	NULL Constitution	NULL
74 Deepali M	28 F	B+	Pollen		2/19/2025 15:30 Completec Tamsulosii Tuberculo: Slight Defi			Credit Car	
73 Chirag Sha	41 M	A+	Dust		2/19/2025 15:00 Scheduled Methotrex EBV Test Normal Bi NULL		NULL	NULL	NULL
72 Bhanu Rac	39 M	0+	None		2/19/2025 14:30 Cancelled Prednison CMV Test No Major	72			7.5
71 Asha Yada	33 F	AB+	Peanuts		2/19/2025 14:00 Scheduled Sildenafil ! Rubella Te Glucose Le NULL		NULL	NULL	NULL
70 Zaid Dutta	48 M	B-	Milk	, , ,	2/19/2025 13:30 Completec Mirtazapir Syphilis Te Electrolyte	70		Credit Car	
69 Yamini Vei	32 F	Α-	None		2/19/2025 13:00 Scheduled Fexofenad Gonorrhea Hormone I NULL		NULL	NULL	NULL
68 Xavier Pati	27 M	0-	Seafood		2/19/2025 12:30 Cancelled Loratadine Chlamydia Vitamin A	68		Online	6.5
67 Waseem K	38 M	AB-	Soy	67 Divya Bha: General St Oncology	2/19/2025 12:00 Scheduled Levothyro: Serum Cal-Iron Levels NULL		NULL	NULL	NULL
66 Varun Josh	42 M	B+	None		2/19/2025 11:30 Complete: Benzonata Alkaline Pl Blood Sug	66		Credit Car	
65 Usha Singl	55 F	A+	Pollen	0	2/19/2025 11:00 Scheduled Alprazolan Phosphort Healthy Pl NULL		NULL	NULL	NULL
64 Tarun Misl	40 M	0+	None		2/19/2025 10:30 Cancelled Warfarin 2 Magnesiur No Signs o		1050.99		
63 Seema Kar	45 F	AB+	Dust	63 Prakash N Orthopedi Orthopedi	2/19/2025 10:00 Scheduled Insulin gla Copper Te Blood Gluc NULL		NULL	NULL	NULL
62 Rajesh Me	36 M	B-	Eggs	62 Komal Aro Neurologi: Neurology	2/19/2025 9:30 Completec Azithromy Zinc Test Mild Risk c	62	970.5	Credit Car	3.5
61 Payal Chau	50 F	Α-	None	61 Arvind Triv Cardiologi: Cardiology	2/19/2025 9:00 Scheduled Hydrocodc Beta-HCG Normal Th NULL		NULL	NULL	NULL
60 Omar Naic	31 M	0-	Shellfish	60 Kunal Josh Gastroente Nephrolog	2/18/2025 18:30 Cancelled Diphenhyc Folic Acid No Clottin	60	1280.25	Online	4.5
59 Nitin Desa	38 M	AB-	None	59 Sanya Dha Ophthalm Pulmonolo	2/18/2025 18:00 Scheduled Lansoprazi Glucose Tc Liver Func NULL		NULL	NULL	NULL
58 Megha Tri	29 F	B+	Pollen	58 Rohit Bose Rheumato Ophthalm	2/18/2025 17:30 Completed Enalapril 5 C-Peptide No Infection	58	790.75	Credit Car	5.5
57 Lalit Puroh	43 M	A+	Dust	57 Ishan Saxe Hematolo (Oncology	2/18/2025 17:00 Scheduled Citalopran Insulin Tes Healthy BI NULL		NULL	NULL	NULL
56 Kirti Malho	34 F	O+	None	56 Tanisha Re ENT Specia Gastroente	2/18/2025 16:30 Cancelled Loratadine Fibrinoger Stable Kidi	56	680.99	Online	7.5
55 Jayant Bha	56 M	AB+	Peanuts	55 Alok Chatt Anesthesic Dermatolc	2/18/2025 16:00 Scheduled Metoclopr D-Dimer T Vitamin C NULL		NULL	NULL	NULL
54 Ishita Garg	28 F	B-	Milk	54 Karan Seth Radiologis Pediatrics	2/18/2025 15:30 Complete: Clonidine (Troponin 1No Autoin	54	800.25	Credit Car	(10
53 Harpreet F	30 M	A-	None	53 Shivani Ty: Pulmonolc Orthopedi	2/18/2025 15:00 Scheduled Chlorphen Lipase Tes Calcium SI NULL		NULL	NULL	NULL
52 Ganesh Ya	37 M	0-	Seafood	52 Rajat Meh Nephrolog Neurology	2/18/2025 14:30 Cancelled Levofloxac Amylase T Normal Irc	52	990.75	Online	
51 Farah Pate	24 F	AB-	Soy	51 Monica Ka Urologist Cardiology	2/18/2025 14:00 Scheduled Amoxicillir Creatinine Low Sodiu NULL		NULL	NULL	NULL
50 Eshan Dut	26 M	B+	None	50 Rahul Kaul Psychiatris Nephrolog	2/18/2025 13:30 Complete: Divalproex BUN Test No Heart [50	1200.5	Credit Car	(
49 Diksha Bar	33 F	A+	Dust	49 Umesh Pal Endocrino Pulmonolo	2/18/2025 13:00 Scheduled Methylpre Uric Acid T Slight Ane NULL		NULL	NULL	NULL
48 Chaitanya	41 M	0+	None		2/18/2025 12:30 Cancelled Folic acid : Bilirubin T Liver Enzyl	48	1030.25	Online	9.5
47 Brijesh Kar	58 M	AB+	Gluten		2/18/2025 12:00 Scheduled Azithromy Globulin T No Infectio NULL		NULL	NULL	NULL
46 Anjali Josh	27 F	B-	None	o,	2/18/2025 11:30 Completec Triazolam Albumin T Minor Dige	46		Credit Car	
45 Vikas Sing	32 M	Α-	Eggs		2/18/2025 11:00 Scheduled Carbamaze ESR Test Healthy Re NULL		NULL	NULL	NULL
44 Ujjwal Me	45 M	0-	Nuts		2/18/2025 10:30 Cancelled Pantopraz CRP Test Normal En	44	1120.75		
43 Tushar Kol	28 M	B+	Milk		2/18/2025 10:00 Scheduled Clindamyc Cortisol Te No Signs c NULL		NULL	NULL	NULL
42 Sanjana M	23 F	A+	None	42 Yash Bhar Neurologi Neurology		42		Credit Car	
41 Ramesh Tr	62 M	AB-	Shellfish	41 Sneha Jost Cardiologi Cardiology			NULL	NULL	NULL
40 Quresh Ali	35 M	O+	Pollen	0,00	2/17/2025 18:30 Cancelled Cetirizine : Hematocri Healthy In		1300.25		IVOLL
39 Puneet Mi	48 M	B-	Peanuts		2/17/2025 18:00 Scheduled Hydroxych Progesterc Vitamin B: NULL		NULL	NULL	NULL
38 Omkar Rec	54 M	A-	None		2/17/2025 17:30 Complete: Omeprazo Estrogen T Mild Risk (38		Credit Car	
	31 F	Q-	Dust				NULL	NULL Car	
37 Nisha Bans		-			2/17/2025 17:00 Scheduled Prednison Testostero Cholesterc NULL				NULL
36 Manay Sha	39 M	AB+	Seafood	36 Preeti Goy ENT Specia Gastroenta	2/17/2025 16:30 Cancelled Ibuprofen Lactic Acic Normal H€	36	780.75	Online	

35 Lavanya Kı	43 F	B+	None	35 Siddharth Anesthesic Dermatolc	2/17/2025 16:00 Scheduled Losartan 2 H. Pylori T Blood Sug. NULL NULL NULL NULL	
34 Kartik Mal	28 M	A+	Milk		2/17/2025 15:30 Completec Metformir T4 Test Infection C 34 920.5 Credit Card	5
33 Jaya Ahuja	34 F	0+	Dust	33 Pankaj Baj Pulmonok Orthopedi	2/17/2025 15:00 Scheduled Ranitidine T3 Test No Liver D NULL NULL NULL NULL	
32 Ishaan Me	49 M	AB-	None	32 Megha Sin Nephrolog Neurology	2/17/2025 14:30 Cancelled Loperamic TSH Test Positive fo 32 1150.99 Online 8	3.5
31 Himani Ka	26 F	B-	Peanuts	31 Rajiv Kohli Urologist Cardiology	2/17/2025 14:00 Scheduled Amoxicillir CA-125 Te Blood Pres NULL NULL NULL NULL	
30 Gaurav Sir	41 M	A-	None	30 Nidhi Kapo Psychiatris Nephrolog	2/17/2025 13:30 Completec Bisoprolol PSA Test No Autoin 30 1290.75 Credit Carc	12
29 Farhan Sid	37 M	0-	Gluten	29 Gaurav Ma Endocrino Pulmonolo	2/17/2025 13:00 Scheduled Pantoprazi Cholesterc Red Blood NULL NULL NULL NULL	
28 Esha Joshi	33 F	AB+	Eggs	28 Seema Ray Gynecolog Ophthalm	2/17/2025 12:30 Cancelled Clonazepa Potassium Platelet Cc 28 1030.25 Online 7	7.5
27 Divya Bhas	27 F	B+	None	27 Vinay Gup General Sι Oncology	2/17/2025 12:00 Scheduled Budesonid Sodium Te No Allerge NULL NULL NULL NULL	
26 Chetan Pu	40 M	A+	Pollen	26 Kirti Singh Pediatricia Gastroente	2/17/2025 11:30 Complete: Candesart: Electrolyte Electrolyte 26 590.5 Credit Card	5
25 Bhavesh R	45 M	O+	None	25 Ajay Verm Oncologist Dermatolc	2/17/2025 11:00 Scheduled Allopurino Bone Dens Calcium Le NULL NULL NULL NULL	
24 Anusha De	31 F	AB-	Soy	24 Anita Shuk Dermatolc Pediatrics	2/17/2025 10:30 Cancelled Hydrochlo Rheumato Mild Liver 24 450.75 Online	5.5
23 Prakash N	53 M	B-	Nuts	23 Ramesh Di Orthopedi Orthopedi	2/17/2025 10:00 Scheduled Atorvastat Allergy Te: Borderline NULL NULL NULL NULL	
22 Komal Aro	23 F	A-	Milk	22 Ashok Pan Neurologi: Neurology	2/17/2025 9:30 Completec Tramadol Stool Test No Pathog 22 750.5 Credit Card	10
21 Arvind Triv	29 M	O-	None	21 Sunita Tiw Cardiologi Cardiology	2/17/2025 9:00 Scheduled Metoproic Pregnancy Minor Infl; NULL NULL NULL NULL	
20 Deepak Bh	58 M	AB+	Dust	20 Deepak Bh Gastroente Nephrolog	2/16/2025 18:30 Cancelled Zolpidem : Hepatitis EThyroid Le 20 1200 Online	4
19 Swati Garg	25 F	B+	None	19 Swati Garg Ophthalm Pulmonolo	2/16/2025 18:00 Scheduled Fluoxetine HIV Test Signs of M NULL NULL NULL NULL	
18 Sanjay Me	31 M	A+	Pollen	18 Sanjay Me Rheumato Ophthalm	2/16/2025 17:30 Completer Dexameth COVID-19 Kidney Fur 18 1020.75 Credit Carr 5	5.5
17 Abhishek (47 M	0+	None	17 Abhishek [Hematolog Oncology	2/16/2025 17:00 Scheduled Levothyro: Malaria Te No Abnorr NULL NULL NULL NULL	
16 Pooja Chai	39 F	AB-	Shellfish	16 Pooja Char ENT Specia Gastroente	2/16/2025 16:30 Cancelled Glibenclan Dengue Te Liver Func 16 920.99 Online 8	3.5
15 Ravi Saxen	27 M	B-	None	15 Ravi Saxen Anesthesic Dermatolc	2/16/2025 16:00 Scheduled Simvastati Hemoglob Glucose Le NULL NULL NULL NULL	
14 Divya Mall	34 F	A-	Soy	14 Divya Mall Radiologis Pediatrics	2/16/2025 15:30 Completec Ciprofloxa Glucose Te Low Vitam 14 550 Credit Card	10
13 Harish Pat	60 M	0-	Milk	13 Harish Pat Pulmonok Orthopedi	2/16/2025 15:00 Scheduled Loratadine Vitamin B: Positive fo NULL NULL NULL NULL	
12 Kavita Aga	26 F	AB+	Nuts	12 Kavita Aga Nephrolog Neurology	2/16/2025 14:30 Cancelled Prednison (Vitamin D No Signs c 12 1450.75 Online	9
11 Suresh Jos	55 M	B+	Dust	11 Suresh Jos Urologist Cardiology	2/16/2025 14:00 Scheduled Furosemid CBC Test Mild Dehy NULL NULL NULL NULL	
10 Meena Rac	41 F	A+	None		2/16/2025 13:30 Complete: Amlodipin Thyroid Te Cholesterc 10 1300 Credit Card	3
9 Anil Yaday	38 M	0+	Gluten		2/16/2025 13:00 Scheduled Losartan 5 Kidney Furlron Defici NULL NULL NULL NULL	
8 Sonia Kapo	29 F	AB-	Eggs			7.5
7 Manish Jai	45 M	B-	None	7 Manish Jai General St Oncology	2/16/2025 12:00 Scheduled Omeprazo Lipid Profi Potential I NULL NULL NULL NULL	
6 Radhika Ba	30 F	Α-	Latex			12
5 Vikram Mi	50 M	0-	Shellfish		2/16/2025 11:00 Scheduled Doxycyclir CT Scan No Abnorr NULL NULL NULL NULL	
4 Priva Singl	22 F	AB+	None			15
3 Ravi Gupta	40 M	B+	Pollen		2/16/2025 10:00 Scheduled Ibuprofen X-Ray Within No NULL NULL NULL NULL	==
2 Neha Vern	28 F	A+	Dust	2 Neha Vern Neurologi: Neurology	2/16/2025 9:30 Complete: Amoxicillir Urine Test Slightly Ele 2 1200.5 Credit Card	5
1 Amit Sharr	35 M	0+	Peanuts	1 Amit Shari Cardiologi Cardiology	A STATE OF THE CONTRACT OF THE	10

-- 2) Hospital Performance Summary

```
SELECT
   d.doctorID,
   CONCAT(d.firstName, ' ', d.lastName) AS doctorName,
   d.specialization,
   COUNT(DISTINCT a.appointmentID) AS totalAppointments,
   SUM(CASE WHEN a.status = 'Completed' THEN 1 ELSE 0 END) AS completedAppointments,
   SUM(CASE WHEN a.status = 'Cancelled' THEN 1 ELSE 0 END) AS cancelledAppointments,
   COUNT(DISTINCT r.recordID) AS totalMedicalRecords,
   COUNT(DISTINCT lt.recordID) AS totalLabTests,
   AVG(t.amount) AS avgRevenue,
   SUM(t.amount) AS totalRevenue,
   MAX(t.amount) AS highestTransaction,
   MIN(t.amount) AS lowestTransaction
FROM Doctor d
LEFT JOIN Appointment a ON d.doctorID = a.doctorID
LEFT JOIN Records r ON d.doctorID = r.doctorID
LEFT JOIN LabTest lt ON r.recordID = lt.recordID
LEFT JOIN Transaction t ON r.recordID = t.recordID
GROUP BY d.doctorID, d.firstName, d.lastName, d.specialization
ORDER BY totalAppointments DESC;
```

	doctorNar specializa Amit Shar Cardiolog	totalAppo		Cancelled 0				totalkeve 500			
	Neha Vern Neurologi	1	1	0		1	1200.5	1200.5			
	Rajesh Gu Orthopedi	1	0	0			NULL	NULL	NULL	NULL	-
	Priya Sing Dermatok	1	0	1		1	300.75	300.75			5
	Vikram M Oncologis	1	0	0			NULL	NULL	NULL	NULL	
	Radhika B Pediatrici	1	1	0		1	450	450)
	Manish Ja General St	1	0	0			NULL	NULL	NULL	NULL	
	Sonia Kap Gynecolog	1	0	1		1	680.25	680.25			5
	Anil Yada Endocrino	1	0	0			NULL	NULL	NULL	NULL	-
	Meena Ra Psychiatri	1	1	0		1	1300	1300			1
	Suresh Jos Urologist	1	0	0			NULL	NULL	NULL	NULL	•
	Kavita Aga Nephrolog	1	0	1		1	1450.75				
	Harish Pa Pulmonol	1	0	0			NULL	NULL	NULL	NULL	,
		1									
	Divya Mal Radiologi	1	0	0		1	550	NULL 550	NULL 550	NULL 550	,
	Ravi Saxei Anesthesi	1	0	1		1	NULL				
	Pooja Cha ENT Specia						920.99	920.99			,
	Abhishek Hematolo	1	0	0			NULL	NULL	NULL	NULL	-
	Sanjay McRheumato	1	1	0		1	1020.75				9
	Swati Gar Ophthalm	1	0	0			NULL	NULL	NULL	NULL	
	Deepak Br Gastroent	1	0	1		1	1200	1200)
	Sunita Tiv Cardiolog	1	0	0			NULL	NULL	NULL	NULL	
	Ashok Par Neurologi	1	1	0		1	750.5	750.5			0
	Ramesh D Orthopedi	1	0	0			NULL	NULL	NULL	NULL	
	Anita Shul Dermatolo	1	0	1		1	450.75	450.75			5
	Ajay Verm Oncologis	1	0	0			NULL	NULL	NULL	NULL	
	Kirti Singl Pediatrici	1	1	0		1	590.5	590.5			5
27	Vinay Gur General Si	1	0	0	1	1	NULL	NULL	NULL	NULL	
28	Seema Rai Gynecolog	1	0	1	1	1	1030.25	1030.25	1030.2	5 1030.25	5
29	Gaurav M Endocrinc	1	0	0	1	1	NULL	NULL	NULL	NULL	
30	Nidhi Kap Psychiatri	1	1	0	1	1	1290.75	1290.75	1290.7	5 1290.75	5
31	Rajiv Kohl Urologist	1	0	0	1	1	NULL	NULL	NULL	NULL	
32	Megha Sir Nephrolog	1	0	1	1	1	1150.99	1150.99	1150.9	9 1150.99	9
33	Pankaj Ba Pulmonol	1	0	0	1	1	NULL	NULL	NULL	NULL	
34	Ritu Tanej Radiologi:	1	1	0	1	1	920.5	920.5	920.	920.5	5
35	Siddharth Anesthesi	1	0	0	1	1	NULL	NULL	NULL	NULL	
36	Preeti Goy ENT Specia	1	0	1	1	1	780.75	780.75	780.7	780.75	5
	Aman Dub Hematolo	1		0		1	NULL	NULL	NULL	NULL	
	Arun Batri Rheumat		1	1	0	1		890.99	890.99	890.99	890
	Shruti Jair Ophthali		1	0	0	1	1 NU				NULL
	Tarun Sax Gastroer		1	0	1	1			1300.25	1300.25	1300
			1	0	0	1	1 NU				
	Sneha Jos Cardiolo										NULL
	Yash Bhar Neurolog		1	1	0	1	1	990.5	990.5	990.5	99
	Vikas Saxi Orthope		1	0	0	1	1 NU				NULL
	Neetu Raji Dermato		1	0	1	1	1 1:	120.75	1120.75	1120.75	1120
45	Saket Goe Oncolog	is	1	0	0	1	1 NU	LL N	ULL	NULL	NULL
46	Deepika N Pediatrio	i	1	1	0	1	1 9	920.99	920.99	920.99	920
47	Naveen M General	Si	1	0	0	1	1 NU	LL N	ULL	NULL	NULL
48	Simran Ch Gynecolo	DE	1	0	1	1			1030.25	1030.25	1030
	Umesh Pa Endocrin	1	1								
7,0					(1)	1	1 NII	II N	1111	NIIII	NHIII
		_		0	0	1	1 NU				NULL
50	Rahul Kau Psychiat		1	1	0	1	1 :	1200.5	1200.5	1200.5	120
50 51	Monica Ki Urologis	t	1	0	0	1	1 1 NU	1200.5 LL N	1200.5 ULL	1200.5 NULL	120 NULL
50 51		t	1 1 1	1 0 0	0 0 1	1 1 1	1 1 NU	1200.5 LL N 990.75	1200.5 ULL 990.75	1200.5 NULL 990.75	120 NULL
50 51 52	Monica Ki Urologis	t D§	1	0	0	1	1 1 NU	1200.5 LL N 990.75	1200.5 ULL 990.75	1200.5 NULL 990.75	120 NULL
50 51 52 53	Monica K. Urologis Rajat Mer Nephrolo	t Dg	1 1 1	1 0 0	0 0 1	1 1 1	1 NU 1 NU 1 NU	1200.5 LL N 990.75	1200.5 ULL 990.75	1200.5 NULL 990.75	120 NULL 990 NULL
50 51 52 53 54	Monica Ki Urologis Rajat Meh Nephrolo Shivani Ty Pulmono	t DE II	1 1 1 1	1 0 0	0 0 1 0	1 1 1	1 NU 1 NU 1 NU	1200.5 LL N 990.75 LL N 800.25	1200.5 ULL 990.75 ULL 800.25	1200.5 NULL 990.75 NULL 800.25	120 NULL 990 NULL 800
50 51 52 53 54 55	Monica Ki Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes	t De Il	1 1 1 1 1 1	1 0 0 0 1	0 0 1 0 0	1 1 1 1 1	1 NU 1 S 1 NU 1 S 1 NU 1 S 1 NU	1200.5 LL N 990.75 LL N 800.25	1200.5 ULL 990.75 ULL 800.25 ULL	1200.5 NULL 990.75 NULL 800.25 NULL	120 NULL 990 NULL 800 NULL
50 51 52 53 54 55 56	Monica Ki Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec	t DE DE di di	1 1 1 1 1 1 1	1 0 0 0 1 0	0 0 1 0 0 0	1 1 1 1 1 1 1	1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 580.99	1200.5 ULL 990.75 ULL 800.25 ULL 680.99	1200.5 NULL 990.75 NULL 800.25 NULL 680.99	120 NULL 990 NULL 800 NULL 680
50 51 52 53 54 55 56 57	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol	t DE	1 1 1 1 1 1 1 1	1 0 0 0 1 0 0	0 0 1 0 0 0 0	1 1 1 1 1 1 1	1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 580.99 LL N	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL	1200.5 NULL 990.75 NULL 800.25 NULL 680.99	120 NULL 990 NULL 800 NULL 680 NULL
50 51 52 53 54 55 56 57	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat	t DE	1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0	0 0 1 0 0 0 0	1 1 1 1 1 1 1 1	1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 580.99 LL N 790.75	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75	120 NULL 990 NULL 800 NULL 680 NULL 790
50 51 52 53 54 55 56 57 58	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali	t DE	1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0	0 0 1 0 0 0 0 0 1 0 0	1 1 1 1 1 1 1 1 1 1	1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 580.99 LL N 790.75 LL N	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 790.75	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75	120 NULL 990 NULL 800 NULL 680 NULL 790
50 51 52 53 54 55 56 57 58	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat	t DE	1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0	0 0 1 0 0 0 0	1 1 1 1 1 1 1 1	1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 580.99 LL N 790.75 LL N	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75	120 NULL 990 NULL 800 NULL 680 NULL 790
50 51 52 53 54 55 56 57 58 59 60	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali	t DE III III O O M M M M M M M M M M M	1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0	0 0 1 0 0 0 0 0 1 0 0	1 1 1 1 1 1 1 1 1 1	1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 580.99 LL N 790.75 LL N 280.25	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25	120 NULL 990 NULL 800 NULL 680 NULL 790
50 51 52 53 54 55 56 57 58 59 60 61	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer	t Di ii io o o n tt	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0	0 0 1 0 0 0 0 1 0 0	1 1 1 1 1 1 1 1 1 1 1 1	1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 580.99 LL N 790.75 LL N 280.25	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25	120 NULL 990 NULL 800 NULL 680 NULL 790 NULL 1280 NULL
50 51 52 53 54 55 56 57 58 59 60 61 62	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo	t Di Li Li Li Li Li Li Li Li Li	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 1 0 0	0 0 1 0 0 0 0 1 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1	1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 580.99 LL N 790.75 LL N 970.5	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25 ULL 970.5	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5	120 NULL 990 NULL 800 NULL 680 NULL 790 NULL 1280 NULL
50 51 52 53 54 55 56 57 58 59 60 61 62 63	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog	t pg il ii io o m nt g g id	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 0 1 0 0 0 0 1	0 0 1 0 0 0 0 1 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 :: 1 NU 1 !! 1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 580.99 LL N 790.75 LL N 280.25	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25 ULL 970.5	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5	120 NULL 990 NULL 800 NULL 680 NULL 790 NULL 1280 NULL 97
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthopee Anusha Di Dermato	t Di Di Di Di Di Di Di Di Di D	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 :: 1 NU 1 !! 1 NU 1 1 !!	1200.5 LL N 990.75 LL N 800.25 LL N 580.99 LL N 790.75 LL N 970.5 LL N 970.5	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25 ULL 970.5 ULL 1050.99	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5 NULL 1050.99	120 NULL 990 NULL 800 NULL 680 NULL 790 NULL 1280 NULL 97 NULL 1050
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthope Anusha Di Dermato Bhavesh F Oncolog	t Di Li	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 :: 1 NU 1 !! 1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 680.99 LL N 790.75 LL N 970.5 LL N 970.5	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25 ULL 970.5 ULL 1050.99 ULL 1050.99	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5 NULL 1050.99 NULL	120 NULL 990 NULL 800 NULL 680 NULL 790 NULL 1280 NULL 97 NULL 1050 NULL
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthope Anusha Di Dermato Bhavesh F Oncolog Chetan Pu Pediatric	t Di ii ii o m nt g ii lc ii ii	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 :: 1 NU 1 !! 1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 790.75 LL N 280.25 LL N 970.5 LL N 970.5 LL N 1250	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25 ULL 970.5 ULL 1050.99 ULL 1250	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5 NULL 1050.99 NULL 1250	120 NULL 990 NULL 800 NULL 680 NULL 790 NULL 1280 NULL 97 NULL 1050 NULL
500 511 522 533 544 555 566 577 588 599 600 611 622 633 644 655 666 67	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthope Anusha Di Dermato Bhavesh F Oncolog Chetan Pu Pediatric Divya Bha General	t De ii ii o m nt g ii lc is s s s s s s s s s s s s	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 1 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 :: 1 NU 1 !! 1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 680.99 LL N 790.75 LL N 970.5 LL N 970.5 LL N 1250 LL N	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25 ULL 970.5 ULL 1050.99 ULL 1250 ULL 1250 ULL 1250	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5 NULL 1050.99 NULL 1250 NULL	120 NULL 990 NULL 800 NULL 680 NULL 790 NULL 1280 NULL 97 NULL 1050 NULL 1250 NULL 1050 NULL 127 NULL
500 511 522 533 544 555 566 577 588 599 600 611 622 633 644 655 666 677 688	Monica Ki Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthope Anusha Di Dermato Bhavesh F Oncolog Chetan Pu Pediatrio Divya Bha General Esha Josh Gynecolog	t De ii ii O o m tt g g ii lc is s s di lc	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 :: 1 NU 1 !! 1	1200.5 LL N 990.75 LL N 800.25 LL N 790.75 LL N 280.25 LL N 970.5 LL N 1250 LL N 1250 LL N 910.25	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25 ULL 970.5 ULL 1050.99 ULL 1250 ULL 1250 ULL 1250	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5 NULL 1050.99 NULL 1250 NULL 910.25	120 NULL 990 NULL 800 NULL 680 NULL 790 NULL 1280 NULL 97 NULL 1050 NULL 12 NULL 910
500 511 522 533 544 555 566 577 588 599 600 611 622 633 644 655 666 677 688	Monica K. Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthope Anusha Di Dermato Bhavesh F Oncolog Chetan Pu Pediatric Divya Bha General	t De ii ii O o m tt g g ii lc is s s di lc	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 1 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 :: 1 NU 1 !! 1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 790.75 LL N 280.25 LL N 970.5 LL N 1250 LL N 1250 LL N 910.25	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25 ULL 970.5 ULL 1050.99 ULL 1250 ULL 1250 ULL 1250	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5 NULL 1050.99 NULL 1250 NULL 910.25	120 NULL 990 NULL 800 NULL 680 NULL 790 NULL 1280 NULL 97 NULL 1050 NULL 1250 NULL 1050 NULL 127 NULL
500 511 522 533 544 555 566 577 588 599 600 611 626 636 646 657 668 69	Monica Ki Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthope Anusha Di Dermato Bhavesh F Oncolog Chetan Pu Pediatrio Divya Bha General Esha Josh Gynecolog	t Deficility On the second s	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 :: 1 NU 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1200.5 LL N 990.75 LL N 800.25 LL N 790.75 LL N 280.25 LL N 970.5 LL N 1250 LL N 1250 LL N 910.25	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25 ULL 970.5 ULL 1050.99 ULL 1250 ULL 1250 ULL 1250	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5 NULL 1050.99 NULL 1250 NULL 910.25	120 NULL 990 NULL 800 NULL 790 NULL 1280 NULL 1280 NULL 1050 NULL 1050 NULL 12 NULL 910 NULL
500 511 522 533 544 555 566 577 588 599 600 611 623 634 655 666 677 688 699 70	Monica Ki Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dha Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthopei Anusha Di Dermato Bhavesh F Oncolog Chetan Pu Pediatrio Divya Bha General Esha Josh Gynecolog Farhan Sii Endocrin	t Definition On m Att Begin Colorina Col	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 :: 1 NU 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1200.5 LL N 990.75 LL N 800.25 LL N 790.75 LL N 280.25 LL N 970.5 LL N 1250 LL N 1250 LL N 970.25 LL N 1250 LL N 1250 LL N 1250 LL N 1250	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 790.75 ULL 1280.25 ULL 1050.99 ULL 1250 ULL 1250 ULL 1910.25 ULL 970.99	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5 NULL 1050.99 NULL 1250 NULL 910.25 NULL 910.25 NULL 910.25 NULL	120 NULL 990 NULL 800 NULL 790 NULL 1280 NULL 1280 NULL 1050 NULL 1050 NULL 12 NULL 910 NULL
500 511 522 533 544 555 566 577 588 599 600 611 622 636 646 657 688 699 700 711	Monica Ki Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dhi Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthopee Anusha Di Dermato Bhavesh F Oncolog Chetan Pu Pediatric Divya Bha General Esha Josh Gynecolo Farhan Sii Endocrin Gaurav Si Psychiat Himani Ka Urologis	t Definition On m Att Begin Colorina Col	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0		1 :: 1 NU 1 1 3 1 NU 1 1 1 1 NU 1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 790.75 LL N 280.25 LL N 970.5 LL N 1250 LL N 1250 LL N 970.25 LL N 1250 LL N 1250 LL N 970.99 LL N 970.99 LL N	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 1280.25 ULL 970.5 ULL 1050.99 ULL 1250 ULL 125	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 1050.99 NULL 1250 NULL 910.25 NULL 910.25 NULL	120 NULL 990 NULL 800 NULL 790 NULL 1280 NULL 1280 NULL 1050 NULL 1050 NULL 910 NULL 910 NULL 970 NULL
500 511 522 533 544 555 566 577 588 599 600 611 622 633 644 655 666 677 688 699 700 711 72	Monica Ki Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Seti Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dhi Ophthali Kunal Josi Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthope Anusha Di Dermato Bhavesh F Oncolog Chetan Pu Pediatric Divya Bha General Esha Josh Gynecolo Farhan Sii Endocrin Gaurav Si Psychiat Himani Ka Urologis Ishaan Mi Nephrologis	t Definition On m Matter g G G G G G G G G G G G G G	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0		1 :: 1 NU 1 1 3 1 NU 1 1 1 1 NU 1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 790.75 LL N 280.25 LL N 970.5 LL N 1250	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 1280.25 ULL 970.5 ULL 1050.99 ULL 1250 ULL 1250 ULL 1250 ULL 1320.5	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5 NULL 1050.99 NULL 1250 NULL 910.25 NULL 970.99 NULL 1320.5	120 NULL 990 NULL 800 NULL 790 NULL 1280 NULL 1050 NULL 1050 NULL 970 NULL 910 NULL 910 NULL 910 NULL
500 511 522 533 544 555 566 577 588 599 600 611 622 633 644 655 666 677 688 699 700 711 722 733	Monica Ki Urologis Rajat Meh Nephrolo Shivani Ty Pulmono Karan Setl Radiolog Alok Chati Anesthes Tanisha R ENT Spec Ishan Sax Hematol Rohit Bosi Rheumat Sanya Dhi Ophthali Kunal Josl Gastroer Arvind Tri Cardiolo Komal Arc Neurolog Prakash N Orthopee Anusha Di Dermato Bhavesh F Oncolog Chetan Pu Pediatric Divya Bha General Esha Josh Gynecolo Farhan Sii Endocrin Gaurav Si Psychiat Himani Ka Urologis	t De	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0	0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0		1 :: 1 NU 1 1 3 1 NU 1 1 1 1 NU 1 NU	1200.5 LL N 990.75 LL N 800.25 LL N 790.75 LL N 280.25 LL N 970.5 LL N 1250 LL N	1200.5 ULL 990.75 ULL 800.25 ULL 680.99 ULL 1280.25 ULL 970.5 ULL 1250	1200.5 NULL 990.75 NULL 800.25 NULL 680.99 NULL 790.75 NULL 1280.25 NULL 970.5 NULL 1050.99 NULL 1250 NULL 910.25 NULL 970.99 NULL 1320.5 NULL	120 NULL 990 NULL 800 NULL 790 NULL 1280 NULL 1050 NULL 1050 NULL 1050 NULL 1050 NULL 12 NULL 910 NULL 970 NULL

76	Manay Sh ENT Specia	1	0	1	1	1	1090.75	1090.75	1090.75	1090.75
77	Nisha Bar Hematolo	1	0	0	1	1	NULL	NULL	NULL	NULL
78	Omkar Re Rheumato	1	1	0	1	1	900.25	900.25	900.25	900.25
79	Puneet Mi Ophthalm	1	0	0	1	1	NULL	NULL	NULL	NULL
80	Quresh Al Gastroent	1	0	1	1	1	960.75	960.75	960.75	960.75

-- 3) Categorizing Patients Based on Age Groups

```
SELECT

CASE

WHEN age BETWEEN 0 AND 12 THEN 'Child'

WHEN age BETWEEN 13 AND 19 THEN 'Teenager'

WHEN age BETWEEN 20 AND 35 THEN 'Young Adult'

WHEN age BETWEEN 36 AND 60 THEN 'Middle-Aged Adult'

ELSE 'Senior Citizen'

END AS ageCategory,

gender,

bloodGroup,

COUNT(*) AS patientCount

FROM Patient

GROUP BY ageCategory, gender, bloodGroup

ORDER BY patientCount DESC;
```

ageCategory	gender	bloodGrou	patientCount
Middle-Aged Adult	M	O-	6
Middle-Aged Adult	M	O+	6
Middle-Aged Adult	M	B-	5
Middle-Aged Adult	M	B+	4
Young Adult	F	AB+	4
Young Adult	F	A-	4
Young Adult	F	AB-	4
Young Adult	F	B+	4
Middle-Aged Adult	M	AB+	4
Middle-Aged Adult	M	AB-	4
Young Adult	M	O+	3
Young Adult	F	A+	3
Young Adult	M	O-	3
Middle-Aged Adult	M	A+	3
Young Adult	F	B-	3
Middle-Aged Adult	F	A+	2
Young Adult	M	A+	2
Middle-Aged Adult	M	A-	2
Young Adult	F	O+	2
Young Adult	M	B+	2
Young Adult	M	A-	2
Middle-Aged Adult	F	A-	2
Young Adult	M	B-	1
Middle-Aged Adult	F	AB-	1
Middle-Aged Adult	F	B+	1
Young Adult	F	0-	1
Senior Citizen	M	AB-	1
Middle-Aged Adult	F	AB+	1

-- 4) Top 3 Highest-Earning Doctors Based on Patient Transactions

```
SELECT
   d.doctorID,
   CONCAT(d.firstName, ' ', d.lastName) AS doctorName,
   d.specialization,
   d.experience,
   totalRevenue
FROM Doctor d
JOIN (
   SELECT
       r.doctorID,
       SUM(t.amount) AS totalRevenue
   FROM Records r
   JOIN Transaction t ON r.recordID = t.recordID
   GROUP BY r.doctorID
   ORDER BY totalRevenue DESC
   LIMIT 0, 3 -- Retrieves top 3 highest-earning doctors
) AS revenueSubquery ON d.doctorID = revenueSubquery.doctorID;
```

	doctorID	doctorName	specialization	experience	totalRevenue
•	12	Kavita Agarwal	Nephrologist	10	1450.75
	72	Ishaan Mehta	Nephrologist	12	1320.50
	40	Tarun Saxena	Gastroenterologist	21	1300.25

-- 5) Department-Wise Revenue and Patient Flow Analysis

SELECT

```
dep.departmentID,
    dep.name AS departmentName,
   COUNT(DISTINCT a.appointmentID) AS totalAppointments,
   COUNT(DISTINCT r.recordID) AS totalMedicalRecords,
    (SELECT COUNT(*) FROM LabTest 1t
     JOIN Records r2 ON lt.recordID = r2.recordID
    JOIN Doctor d2 ON r2.doctorID = d2.doctorID
    WHERE d2.departmentID = dep.departmentID) AS totalLabTests,
   (SELECT SUM(t.amount) FROM Transaction t
    JOIN Appointment a2 ON t.patientID = a2.patientID
    JOIN Doctor d3 ON a2.doctorID = d3.doctorID
     WHERE d3.departmentID = dep.departmentID) AS totalRevenue
FROM Department dep
LEFT JOIN Doctor d ON dep.departmentID = d.departmentID
LEFT JOIN Appointment a ON d.doctorID = a.doctorID
LEFT JOIN Records r ON d.doctorID = r.doctorID
GROUP BY dep.departmentID, dep.name
ORDER BY totalRevenue DESC;
```

10	Nephrology	8	8	8	9503.49
	Neurology	8	8	8	
	Dermatology	8	8	8	
	Ophthalmology	8	8	8	
	Gastroenterology	8	8	8	
	Pediatrics	8	8	8	
	Oncology	8	8	8	
	Orthopedics	8	8	8	
	Pulmonology	8	8	8	
	Cardiology	8	8	8	
	Urology	0	0		NULL
	Endocrinology	0	0		NULL
	Hematology	0	0		NULL
	Psychiatry	0	0		NULL
	Rheumatology	0	0		NULL
	Infectious Diseases	0	0		NULL
	Allergy & Immunology	0	0		NULL
	General Surgery	0	0		NULL
	Plastic Surgery	0	0		NULL
	Neonatology	0	0		NULL
	Pain Management	0	0		NULL
	Sports Medicine	0	0		NULL
	Geriatrics	0	0		NULL
	Anesthesiology	0	0		NULL
	Emergency Medicine	0	0		NULL
	Medical Genetics	0	0		NULL
	Radiology	0	0		NULL
	Otolaryngology	0	0		NULL
	Family Medicine	0	0		NULL
	Obstetrics & Gynecology	0	0		NULL
	Vascular Surgery			0	0 NULL
	Thoracic Surgery			0	0 NULL
	Colon & Rectal Surgery			0	0 NULL
	Rehabilitation Medicine			0	0 NULL
	Nuclear Medicine			0	0 NULL
36	Hyperbaric Medicine		0	0	0 NULL
	Toxicology		0	0	0 NULL
38	Sleep Medicine	(0	0	0 NULL
39	Hospice & Palliative Medicine		0	0	0 NULL
40	Clinical Pharmacology		0	0	0 NULL
41	Adolescent Medicine		0	0	0 NULL
42	Critical Care Medicine		0	0	0 NULL
43	Gastrointestinal Surgery		0	0	0 NULL
	Hand Surgery			0	0 NULL
	Limb Lengthening & Reconstru			0	0 NULL
	Burn Care			0	0 NULL
	Spinal Surgery			0	0 NULL
	Trauma Surgery			0	0 NULL
	Head & Neck Surgery			0	0 NULL
					0 NULL
	Endoscopic Surgery			0	
	Pediatric Surgery			0	0 NULL
	Laparoscopic Surgery			0	0 NULL
	Neurosurgery			0	0 NULL
	Cardiothoracic Surgery			0	0 NULL
	Hepato-Pancreato-Biliary Surge	2	0	0	0 NULL
56	Minimally Invasive Surgery		0	0	0 NULL
57	Gastrointestinal Oncology		0	0	0 NULL
58	Lung Transplant Surgery		0	0	0 NULL
	Kidney Transplant Surgery		0	0	0 NULL
	Liver Transplant Surgery		0	0	0 NULL
	Pancreas Transplant Surgery			0	0 NULL

62	Heart Transplant Surgery	0	0	0 NULL
63	Plastic & Reconstructive Surger	0	0	0 NULL
64	Microvascular Surgery	0	0	0 NULL
65	Pediatric Cardiac Surgery	0	0	0 NULL
66	Cardiovascular Medicine	0	0	0 NULL
67	Interventional Radiology	0	0	0 NULL
68	Musculoskeletal Radiology	0	0	0 NULL
69	Gastrointestinal Radiology	0	0	0 NULL
70	Neuroradiology	0	0	0 NULL
71	Emergency Radiology	0	0	0 NULL
72	Pediatric Radiology	0	0	0 NULL
73	Chest Radiology	0	0	0 NULL
74	Breast Imaging	0	0	0 NULL
75	Ultrasound Imaging	0	0	0 NULL
76	X-ray Imaging	0	0	0 NULL
77	Magnetic Resonance Imaging (I	0	0	0 NULL
78	Computed Tomography (CT) Sca	0	0	0 NULL
79	Positron Emission Tomography	0	0	0 NULL
80	Interventional Pulmonology	0	0	0 NULL

-- 6) Patients Who Have Had the Most Lab Tests

```
SELECT

p.patientID,

CONCAT(p.firstName, ' ', p.lastName) AS PatientName,

COUNT(lt.recordID) AS TotalLabTests

FROM Patient p

JOIN Records r ON p.patientID = r.patientID

JOIN LabTest lt ON r.recordID = lt.recordID

GROUP BY p.patientID, p.firstName, p.lastName

ORDER BY TotalLabTests DESC

LIMIT 5;
```

	patientID	PatientName	TotalLabTests
•	1	Amit Sharma	1
	2	Neha Verma	1
	3	Ravi Gupta	1
	4	Priya Singh	1
	5	Vikram Mishra	1

-- 7) Departments with the Most Doctors

```
SELECT

d.departmentID,

d.name AS DepartmentName,

COUNT(doc.doctorID) AS TotalDoctors

FROM Department d

JOIN Doctor doc ON d.departmentID = doc.departmentID

GROUP BY d.departmentID, d.name

ORDER BY TotalDoctors DESC;
```

	departmentID	DepartmentName	TotalDoctors
•	1	Cardiology	8
	2	Neurology	8
	3	Orthopedics	8
	4	Pediatrics	8
	5	Dermatology	8
	6	Gastroenterology	8
	7	Oncology	8
	8	Ophthalmology	8
	9	Pulmonology	8
	10	Nephrology	8

-- 8) List of Beds That Are Currently Occupied

```
SELECT
    b.bedNumber,
    b.bedType,
    b.wardNumber,
    p.patientID,
    CONCAT(p.firstName, ' ', p.lastName) AS PatientName
FROM Bed b
JOIN Patient p ON b.patientID = p.patientID
WHERE b.availabilityStatus = FALSE;
```

oedNumb	bedType	wardNum	patientID	PatientName
2	Double	1	1	Amit Sharma
5	Single	2	2	Neha Verma
7	Single	3	3	Ravi Gupta
10	Double	5	4	Priya Singh
13	Double	6	5	Vikram Mishra
16	Single	8	6	Radhika Bansal
19	Double	9	7	Manish Jain
22	Double	11	8	Sonia Kapoor
26	Single	13	9	Anil Yadav
29	Double	14	10	Meena Rao
32	Single	16	11	Suresh Joshi
35	Double	17	12	Kavita Agarwal
39	Double	19	13	Harish Patel
43	Single	22	14	Divya Malhotra
46	Double	23	15	Ravi Saxena
50	Double	25	16	Pooja Chauhan
53	Single	27	17	Abhishek Dutta
57	Single	29	18	Sanjay Mehta
61	Single	31	19	Swati Garg
66	Double	33	20	Deepak Bhatt
70	Double	35	21	Arvind Trivedi
73	Single	37	22	Komal Arora
77	Single	39	23	Prakash Naidu

-- 9) Average Experience of Doctors in Each Department

```
SELECT

d.departmentID,
d.name AS DepartmentName,
ROUND(AVG(doc.experience), 2) AS AvgExperienceYears
FROM Department d
JOIN Doctor doc ON d.departmentID = doc.departmentID
GROUP BY d.departmentID, d.name
ORDER BY AvgExperienceYears DESC;
```

	departmentID	DepartmentName	AvgExperienceYears
•	3	Orthopedics	18.50
	10	Nephrology	17.75
	5	Dermatology	16.25
	8	Ophthalmology	15.00
	1	Cardiology	14.13
	7	Oncology	14.00
	2	Neurology	12.13
	6	Gastroenterology	11.00
	9	Pulmonology	9.00
	4	Pediatrics	8.75

-- 10) Patients Who Have Used Insurance for Payment

```
SELECT DISTINCT
    p.patientID,
    CONCAT(p.firstName, ' ', p.lastName) AS PatientName,
    p.insuranceNumber
FROM Patient p
JOIN Transaction t ON p.patientID = t.patientID
WHERE t.paymentMode = 'Insurance';
```

patientID	PatientNa	insurancel	Number
3	Ravi Gupta	INS1003	
7	Manish Jai	INS1007	
11	Suresh Jos	INS1011	
15	Ravi Saxen	INS1015	
19	Swati Garg	INS1019	
23	Prakash N	INS1023	
27	Divya Bhas	INS1027	
31	Himani Ka	INS1031	
35	Lavanya K	INS1035	
39	Puneet Mi	INS1039	
43	Tushar Kol	INS1043	
47	Brijesh Kaj	INS1047	
51	Farah Pate	INS1051	
55	Jayant Bha	INS1055	
59	Nitin Desa	INS1059	
63	Seema Kap	INS1063	
67	Waseem K	INS1067	
71	Asha Yada	INS1071	
75	Eshwar Bh	INS1075	
79	Ira Chopra	INS1079	

-- 11) Most Common Allergies Among Patients

```
p.allergies,
    COUNT(*) AS TotalPatients

FROM Patient p

WHERE p.allergies IS NOT NULL AND p.allergies <> ''

GROUP BY p.allergies

ORDER BY TotalPatients DESC

LIMIT 5;
```

	allergies	TotalPatients
•	None	27
	Dust	9
	Pollen	8
	Peanuts	6
	Milk	6