

شهادای تجریش (MSBOS) Maximum Surgical Blood Ordering Schedule

تعداد رزرو گلبول قرمز متراکم	نوع جراحی	ردیف
General Surgery		
4	Abdomino perineal Resection	1
Ts	Amputation	2
0	Appendectomy	3
0	Breast Biopsy	4
0 or Ts	Bronchoscopy	5
0	Catheter Insertion	6
0	Central line	7
Ts - 1	Cholecystectomy	8
Ts	Cholecystojejunostomy	9
Ts - 2	Colectomy total	10
Ts	Colectomy other type	11
Ts	Colostomy – closure	12
0	Denver peritoneal shunt insertion	13
0	Denver shunt revision	14
0	Dressing change	15
4	Esophageal resection	16
2	Gastrectomy	17
Ts	Gastric By pass	18
0 or Ts	Gastrostomy Tube Insertion	19
Ts	Gastrotomy	20
0	Hemorrhoidectomy	21
0-Ts	Hernia repair inguinal	22
0 - 2	Hiatus Hernia	23
3 - 6	Hepatic lobectomy or total	24
0	Hickman line	25
Ts	Ileostomy	26
Ts -0	Jejunostomy	27
Ts or 2	Laparatomy exploration	28
0	Lumpectomy	29
Ts	Liver Biopsy	30

2 or Ts	Mastectomy Radical	31
Ts or 0	Mastectomy Simple	32
Ts or 0	Mediastinoscopy	33
0	Myotomy (Pyloric)	34
1	Nissen fundoplication	35
4	Pancreatectomy	36
2	Paniculectomy	37
0	Parathyroidectomy	38
Ts or 0	Parotidectomy	39
4	Partial gostrectomy Total	40
2	Partial gostrectomy subtotal	40
2	Periviscus	42
0	Pilonidal cyst	43
4 or 6	Portocaval Shunt	44
6	Pseudoaneurysm Repair	45
0	Rib resection	46
0	Sigmoidoscopy	47
Ts	Sigmoidectomy	48
Ts	Small bowel resection	49
Ts or 2	Splenectomy	50
Ts	Sympathectomy	51
Ts	Thyroidectomy	52
0 or Ts	Vagotomy	53
Ts	Vein Stripping	54
0	Vertical Bonded Gastroplasty	55
Head & Neck Surgery		
2	Angio fibroma Resection	56
0	Anthroplasty	57
0	Antrotomy	58
0	Atticoantrotomy	59
0	Augmentation bone Graft Mandible & maxilla	60
0 or Ts	Cald well- Luc	61

4	Carotid Body Tumor resection	62
1	Cleft Palate repair with Primay	63
0	Cochlear implant	64
Ts	Combined Maxillary – Mandible Osteotomy	65
Ts	Composite resection HN/13/C06/4	66
Ts	Costochondral Graft- HN/03/C07/0	67
0	Dissecting Laryngoscopy	68
0	Endoscopy	69
0	Enucleation	70
Ts	Esophageal reconstruction	71
0	Esophagoscopy	72
4	Ethmoid artery ligation	73
Ts	Ethmoidectomy	74
0	Excisional Biopsy	75
0	Extra oral vertical Osteotomy	76
2	Free flap reconstruction	77
Ts	Frontal Sinus exploration	78
2 or	Glossectomy	79
0	Horizontal osteotomy of mandible	80
0	Intra-oral vertical osteotomy	81
2	Jaw,neck,Tounge Dissection	82
0	Labyrinthectomy	83
Ts to 2	Laryngectomy	84
0	Laryngoscopy	85
0	Lefort 1 osteotomy of maxilla	86
Ts to 2	Mandibulectomy	87
0	Mandibul Sagital Set Back	88
0 or Ts	Mastoidectomy	89
0	Maxilla & Mandible Segment osteotomy	90
Ts or 2	Maxillectomy	91
0	Maxillary Impaction	92
Ts	Maxillary fixation	93

0	Mid Sagital Osteotomy or mandible	94
2	MyoCutoneus Flap reconstruction	95
0	Myringotomy	96
0	Nasopharyngoscopy	97
Ts or 2	Neck dissection	98
0 or Ts	Neurectomy	99
0	Odontogenic Tumor & Cyst	100
0	Open Reduction of f.x	101
0	Orbital Exploration	102
0 or Ts	Panendoscopy	103
0 or Ts	Plate Removal	104
2	Radical Neck Dissection	105
6	Resection Gloumus jugular	106
0 or Ts	Septoplasty	107
0	Simple Repair of Palate & lip	108
Ts	Sphenoethmoidectomy	109
Ts-1	Sphenoidectomy	110
0	Stapedectomy	111
TS	Tonsillectomy Adenoidectomy	112
2	Temporal Bone resection	113
0	Tracheoscopy	114
0	Tracheostomy Tube Insertion	115
Ts	Tracheotomy	116
6	Tumor Base of skull	117
Ts	Tumor of Palate	118
4	Tumor of Palate with radical neck-	119
Ts	Tympanomastoidectomy	120
0	Tympanoplasty	121
0	Vestibuloplasty With skin or mucosal Graft	122
Plastic Surgery		
Ts	Millard `s Repair	123

Ts	Orbitotomy	124
Ts	Reduction Mammoplasty	125
Ts	Septorhinoplasty	126
Vascular Surgery		
4 - 6	Abdominal Aortic Surgery	127
4 - 6	Aneurysm Repair	128
0	Arterio venous fistula	129
4	Aortoiliac bypass	130
2 - 4	Arterio femoral bypass	131
1	Femoral – endarterectomy	132
TS	Femoral- Femoral Crossover	133
1 – 2	Fem-pop Bypass	134
1 - 2	Fem-tib Bypass	135
1 - 2	Ileo- Fem Bypass	136
6	Iliac – aneurysm	137
1	Iliac Profunda Bypass	138
Ts	Insertion of endoluminal aortic stent – grafting (abdominal)	139
Ts	Insertion of endoluminal stent – graft systems (peripheral vascular)	140
3	Renal Artery By pass	141
4	Resection Abdominal aortic aneurysm	142
4	Resection Abdominal aortic aneurysm With reconstruction	143
Ts	Splenorenal Artery Bypass	144
Gynecology		
Ts to 1	An & Po repair	145
2	Cesarean Hystrectomy	146
Ts	C/ Section	147
4	C/ Section Previa	148
Ts	Clitorectomy	149
Ts	Colostomy	150

Ts	Complicated delivery	151
0	Cone Biopsy	152
2	D& C	153
2	Ectopic pregnancy	154
0	Endometrium ablation	155
0	Examine under anesthesia	156
Ts to 2	Exploratory laparotomy	157
4	Excentration Procedure	158
1	Fetal Transfusion	159
0	Groshong`s catheter insertion	160
2	Heamorrhage-Gy/09/H01/2Hydatiform mole	161
Ts	Hystrectomy Modified radical	162
2	HystrectomyRadical and Pelvic lymphadenectomy	163
2	Hystrectomy Total Abdominal Extended rvaginal	164
Ts	Hystrectomy Vaginal & Abdominal Simple	165
0	Hysteroscopy	166
Ts	Laparotomy Adnexal Mass	167
0	Laparoscopy	168
0	Lazer vaporization	169
Ts	Metroplasty	170
2	Myomectomy	171
Ts	Neosalpingostomy	172
Ts	Normal Delivery	173
Ts	Oophorectomy	174
Ts	Ovarian Wedge resection	175
4	Pelvic	176
Ts	Retropubic urethral suspension	177
0	Salpingo- oophorectomy	178
1	Termination at Pregnancy	179
0	T-L	180
0 or Ts	Tuboplasty	181

0	Uterine suspension	182
Ts	Uterotubal Implantation	183
Ts or 2	Vaginectomy	184
Ts	Vaginoplasty	185
Ts	Vesicovaginal or Rectovaginal fistula repair	186
Ts , 2	Vulvectomy Radical	187
Ts to 2	Vulvectomy Radical with Groin dissection	188
Urogenital surgery		
3	Adrenalectomy	190
0	Artriovenous fistula	191
Ts	Biopsy of limph node	192
0	Biopsy of prostatic Incisional	193
0	Biopsy of prostatic needle or punch	194
Ts	Biopsy Renal	195
Ts	Bladder Resection	196
0	Circumcision	197
3	Cystectomy	198
2	Cystoplasty	199
Ts to 4	Cystolithotomy	200
2	Cystostomy & Diverticulectomy	201
Ts	Cystorrhaphy	202
0	Cystoscopy	203
Ts	Drainage Retroperitoneal , Perirenal or renal Abscess	204
1	Donor nephrectomy	205
0	Epididymectomy	206
0	Epididymovosostomy	207
0	Excision Hydrocele	208
0	Excision kidney cyst	209
0	Excision penile plaque	210
0	Excision spermatocele	211
0	Excision of urethral caruncle	212

0	Excision of varicocele	213
2	Extrophy closure	214
Ts	Exploration for undescent testis	215
0	Fulguration : Bleeding bladder	216
0	Hydrocelectomy	217
Ts	Laparatomy	218
Ts	Laparascopy	219
0	Laparoscopic	220
0	Litholapaxy	221
Ts	Lithotomy ureteral	222
0	Lymph Adenectomy	223
2	Nephrectomy Laparoscopic	224
2	Nephrectomy Partial	225
4	Nephrectomy Radical	226
2	Nephrectomy Simple	227
1	Nephrectomy Transplantation	228
1	Nephrolithotripsy	229
2	Nephrolithotomy	230
Ts	Nephrostomy	231
0	Orchiectomy	232
0	Orchiopexy	233
2	PCNL	234
4	Radical Pelvic Excentration	235
0	Reduction torsion testis	236
3	Renal Artery – vein patch	237
1	Renal Implantation of ureter	238
3	Renal Transplantation	239
3	Retro peritoneal L.N Dissection	240
0	Semi Rigid prosthesis	241
2	Stomey urethral Suspension	242
2	Symphysiotomy for Horseshoe kidney	243

0 or Ts	Stamey s procedure	244
0	Testis Bipsy	245
2	Transurethral resection of prostate	246
2	TURBT	247
2	Varicectomy	248
0	Vasectomy	249
0	Vasovasostomy	250
Ts	Vesicovaginal fistula	251
Ts	Ureterectomy	252
Ts	Ureteroenterostomy	253
Ts	Ureteroileal Conduit	254
Ts	Ureterolith.otomy	255
Ts	Ureteroneocystostomy	256
Ts	Ureteroplasty	257
0	Ureteroscopy	258
Ts	Ureterostomy	259
0	Ureterotomy	260
Ts	Ureteroureterostomy	261
0	Urethroscopy closure	262
Ts	Urethral fistula excision	263
Neuro Surgery		
4 -6	Aneurysm clipping	264
Ts	Anterior cervical fusion	265
Ts to 1	Biopsy (cervical)	266
Ts	Burr hole	267
0	Carpal tunnel release	268
Ts to 2	Cervical decompression	269
0 or Ts	Cervical disectomy	270
Ts	Cordotomy	271
1	Corpectomy	272
2	Craniotomy	273

Ts to 2	Cranioplasty	274
Ts	Chronic subdural Hematoma	275
2	Endarterectomy carotid	276
1	ETV	277
Ts to 1	Hypophysectomy	278
2 - 3	Head injury	279
Ts to 2	Laminectomy	280
2	Lobectomy	281
4	Meningioma	282
Ts	Neuroma removal	283
Ts	Nerve Repair	284
3	Odontoid	285
2	Pituitary Tumor resection > 3cm	286
1	Pituitary Tumor resection < 3cm	287
Ts to 1	Spinal fusion	288
Ts	Shunt placement	289
1	Stereotactic Brain Biopsy, (DBS)	290
1	Stereotactic Hematoma	291
4	Scoliosis	292
1	Temporal Artery MCA Bypass	293
1	Thalamotomy	294
0	Ulnar nerve Transplant	295
Ts	Vascular decompression	296
0 or Ts	Ventricular – Peritoneal shunt insertion	297
6	Vascular Surgery, (AVM)	298
Ts	Ventriculostomy ventricular Drainage	299
Orthopedics		
0	Acromioplasty	300
0	Arthrotomy	301
3	Austin- Moore	302
0 or Ts	Arthroscopy	303

Ts	Arthroplasty	304
4	Bilateral Total Knee replacement	305
0	Biopsy excisional	306
Ts	Bipolar Transfer	307
0	Closed reduction	308
4	Closed Zickle Rodding	309
2	Diskectomy	310
0	Dupytren`s Contractures release	311
0	F.X	312
3	F.X neck of Femor	313
Ts to 2	Fusion other	314
Ts	Gill Procedure	315
0	Hard ware removal	316
4	Hip revision	317
1 - 2	Hip Screw & nailing	318
4	Hip Gird Stone resection Arthroplasty	319
2	Internal fixation of femor	320
1	Internal fixation tibia or ankle	321
Ts to 2	Lumbar laminectomy - OP/06/L01/	322
Ts	Meniscectomy	323
1 - 2	Nailing f.x neck of femur	324
0	Nerve Transposition	325
0	Neuroma excision	326
2	Open reduction femor	327
Ts	Osteotomy	328
2	Posterior rod fusion	329
Ts	Prosthesis removal	330
0	Release	331
Ts	Revascularization & replacement	332
Ts	Rodding	333
Ts	Rotator cuff repair	334

Ts	Shoulder replacement	335
1	Shoulder repair	336
3	Spinal Surgery fusion Anterior Posterior fusion	337
2	Spinal Surgery fusion laminectomy	338
4	Spinal Surgery fusion Posterior	339
Ts	Tendon elbow	340
0	Tendon repair	341
3	Total hip replacement primary	342
6	Total hip replacement revision	343
2	Total knee primary	344
2	Total Knee Replacement	345
4	Total knee revision	346

Ts : Type and Screen روشی جهت تعیین گروه خونی ABO Group, Rh Type و غربالگری آنتی بادی های بیمار و اهدا کننده (کیسه خون) است.