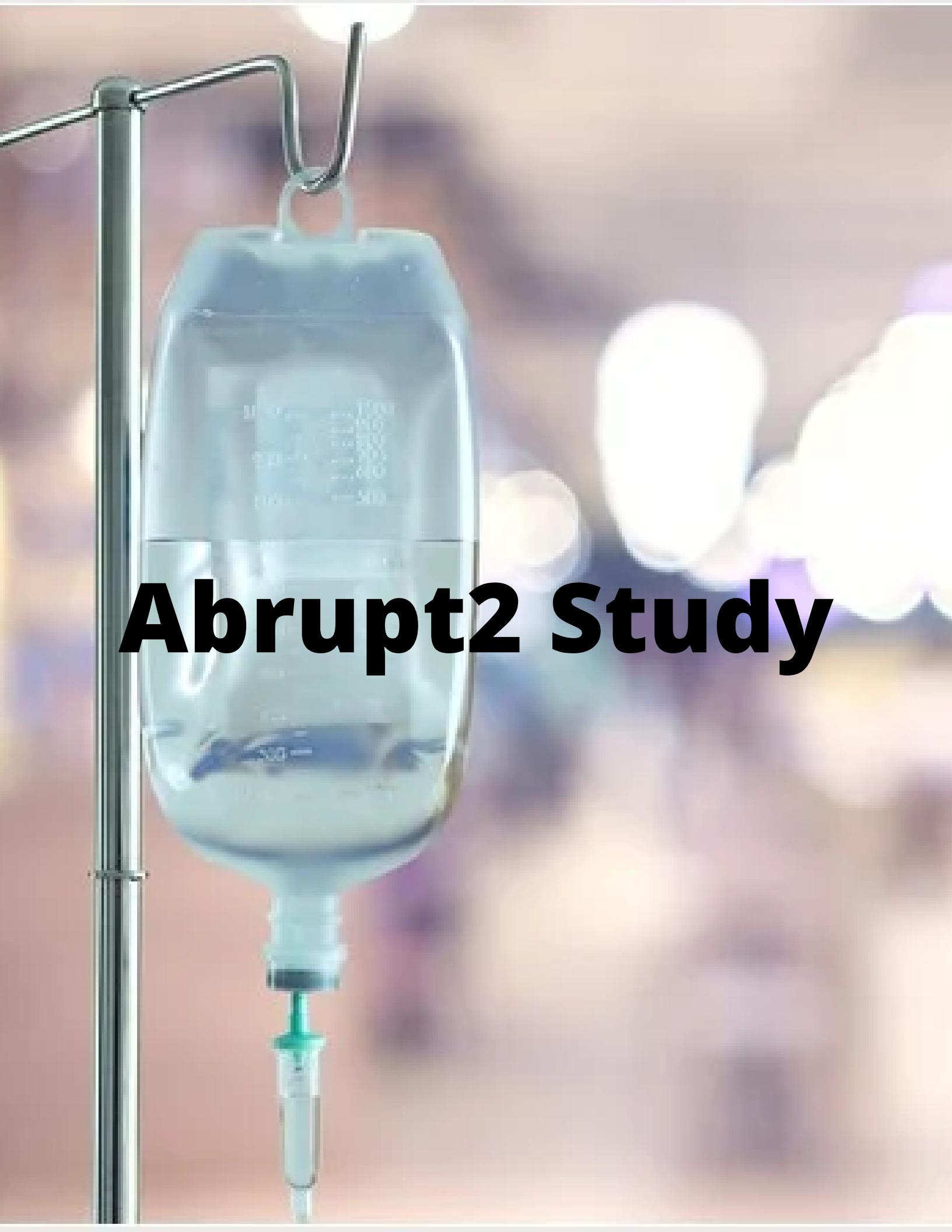
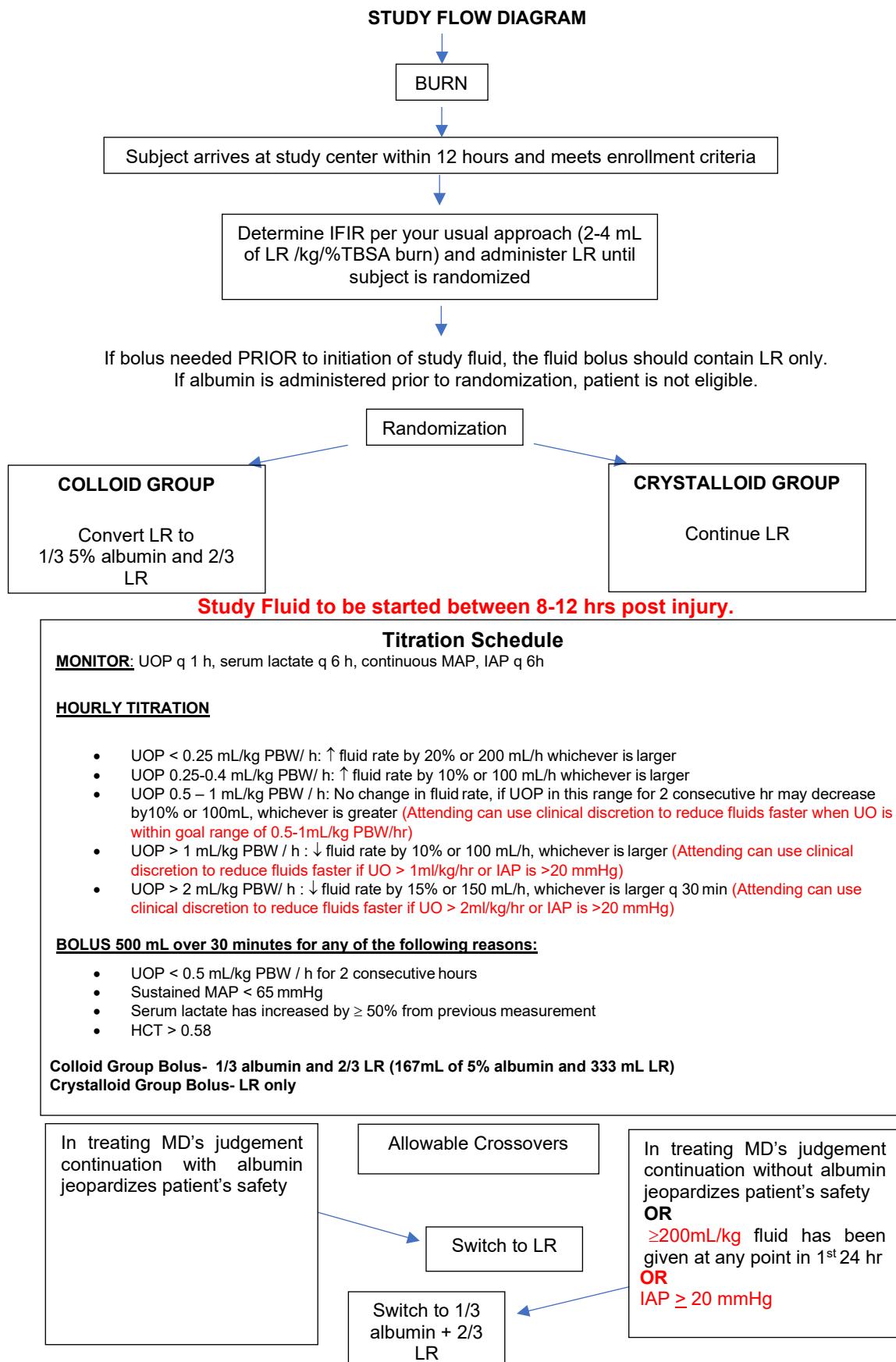


Abrupt2 Study





<https://bit.ly/Abrupt2Study>



Abrupt2 Lactated Ringers Only Resuscitation Guidelines

Crystalloid Resuscitation of the Adult Burn Patient

Initial Fluid Rate

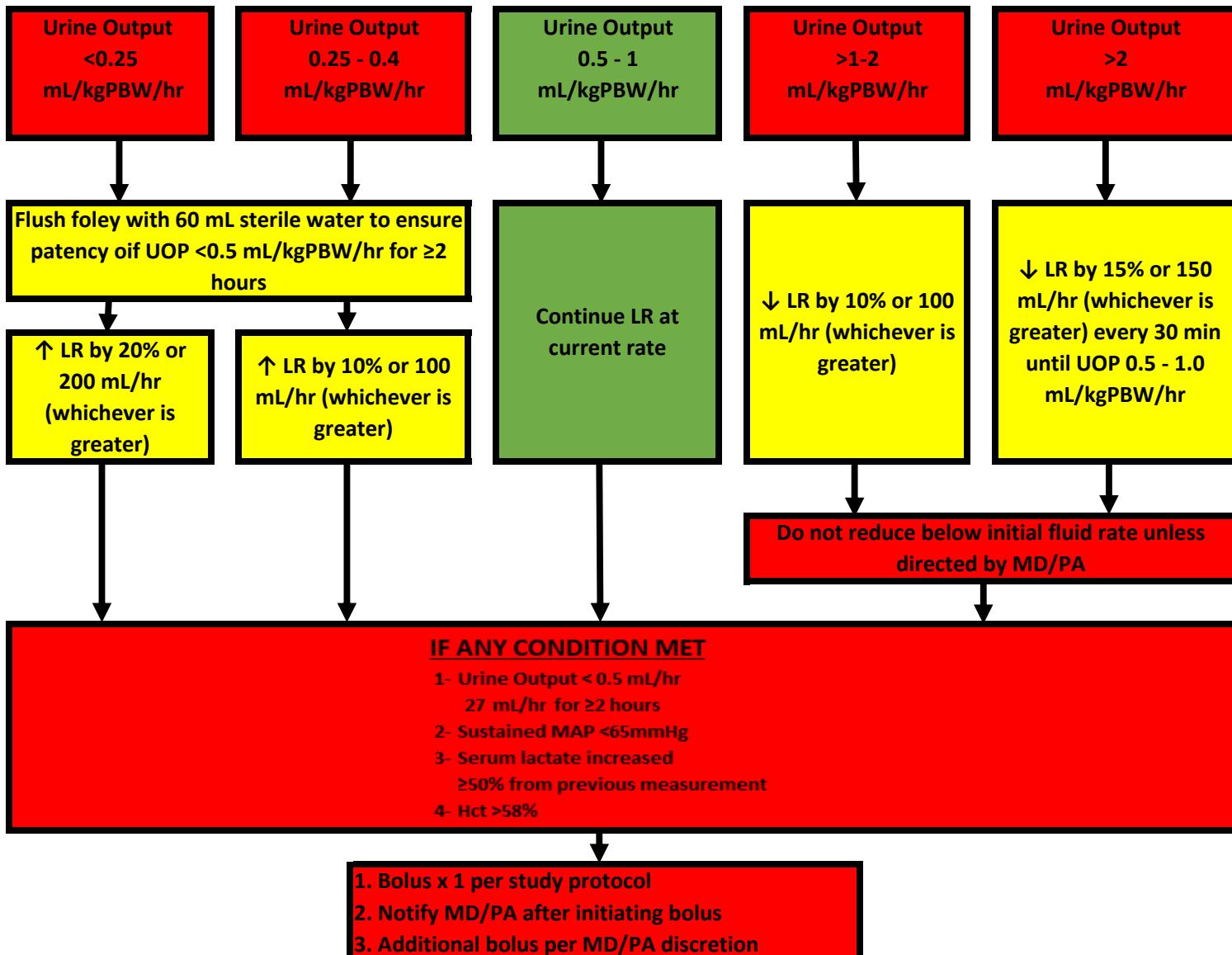
(Lactated Ringers Only)

Lactated Ringers _____ mL/hr

Height	in
TBSA	%
PBW	kg

1. Begin Resuscitation as ordered by MD/PA
2. Measure and record urine output hourly in EMR
3. Follow algorithm for 48 hours after time of injury, if vitals stable
4. Notify MD/PA at 48 hours after injury when resuscitation is complete

- Vitals Unstable: Notify MD/PA**
1. UOP <0.5 mL/kgPBW/hr for ≥ 2 hours
 2. Sustained HR >130
 3. Sustained MAP <65
 4. Lactic acid ↑≥ 50% from prior value
 5. Hct >58%



Continue Fluid Resuscitation and Titration for 48 hours

End of Resuscitation: _____ at _____

Abrupt2 Lactated Ringers +5% Albumin Resuscitation Guidelines

Colloid Resuscitation of the Adult Burn Patient

Total Initial Fluid Rate _____ mL/hr

(2/3 Lactated Ringers + 1/3 5% Albumin)

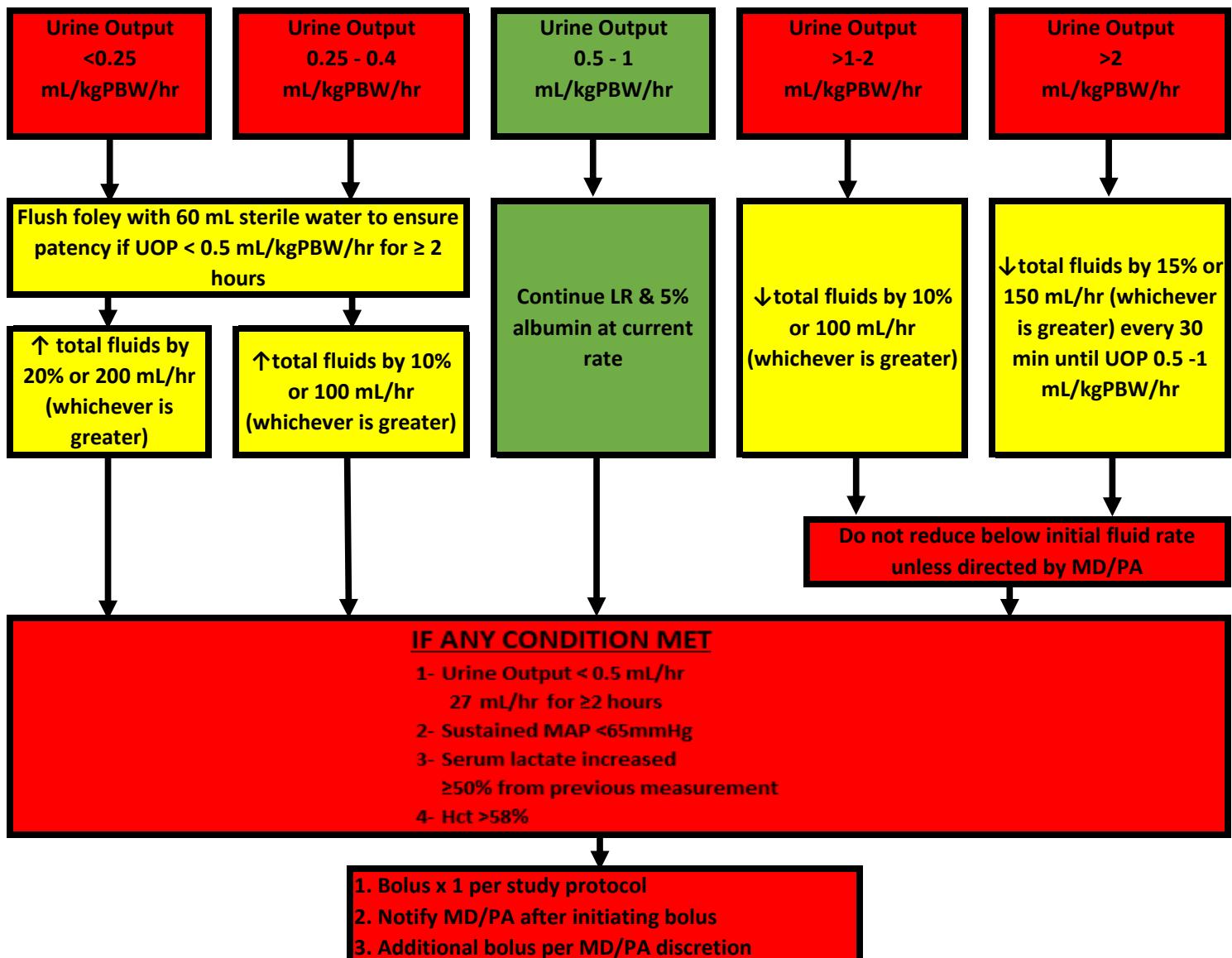
LR _____ mL/hr + Albumin _____ mL/hr

Height	in
TBSA	%
PBW	kg

Total fluids = LR + albumin

1. Begin Resuscitation as ordered by MD/PA
2. Measure and record urine output hourly in EMR
3. Follow algorithm for 48 hours after time of injury, if vitals stable
4. Notify MD/PA at 48 hours after injury when resuscitation is complete

- Vitals Unstable: Notify MD/PA**
1. UOP <0.5 mL/kgPBW/hr for ≥ 2 hours
 2. Sustained HR >130
 3. Sustained MAP <65
 4. Lactic acid ↑≥ 50% from prior value
 5. Hct >58%



Continue Fluid + Albumin Resuscitation and Titration for 48 hours

End of Resuscitation: _____ at _____ Time _____

Excel Spreadsheet

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F	G
1							
2			Height :	64 in			
3			M or F :	M	gender		
4			TBSA :	65 %			
5							
6			PBW :	59 kg	PBW		
7							
8	Time of Injury			1:00	(military time, HH:MM)		
9	Date of Injury			02/14/22	(mo/day/year)		
10							
11	End of Resuscitation		1:00:00 AM	on	Wednesday, February 16, 2022		
12							
13	Initial Fluid Rate:		321 mL/hr				
14	Initial Fluid Rate Rounded:		320 mL/hr				
15							
16							
17	PBW(M)		59				
18	PBW(F)		55				
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							

At the bottom, there are three tabs: **Input Values** (highlighted in red), **Patient Colloid Resus** (highlighted in yellow), and **Patient Crystalloid Resus** (highlighted in blue).

Abrupt2 Lactated Ringers + 5% Albumin Resuscitation Guidelines

Colloid Resuscitation of the Adult Burn Patient

Total Initial Fluid Rate 1140 mL/hr
(2/3 Lactated Ringers + 1/3 5% Albumin)

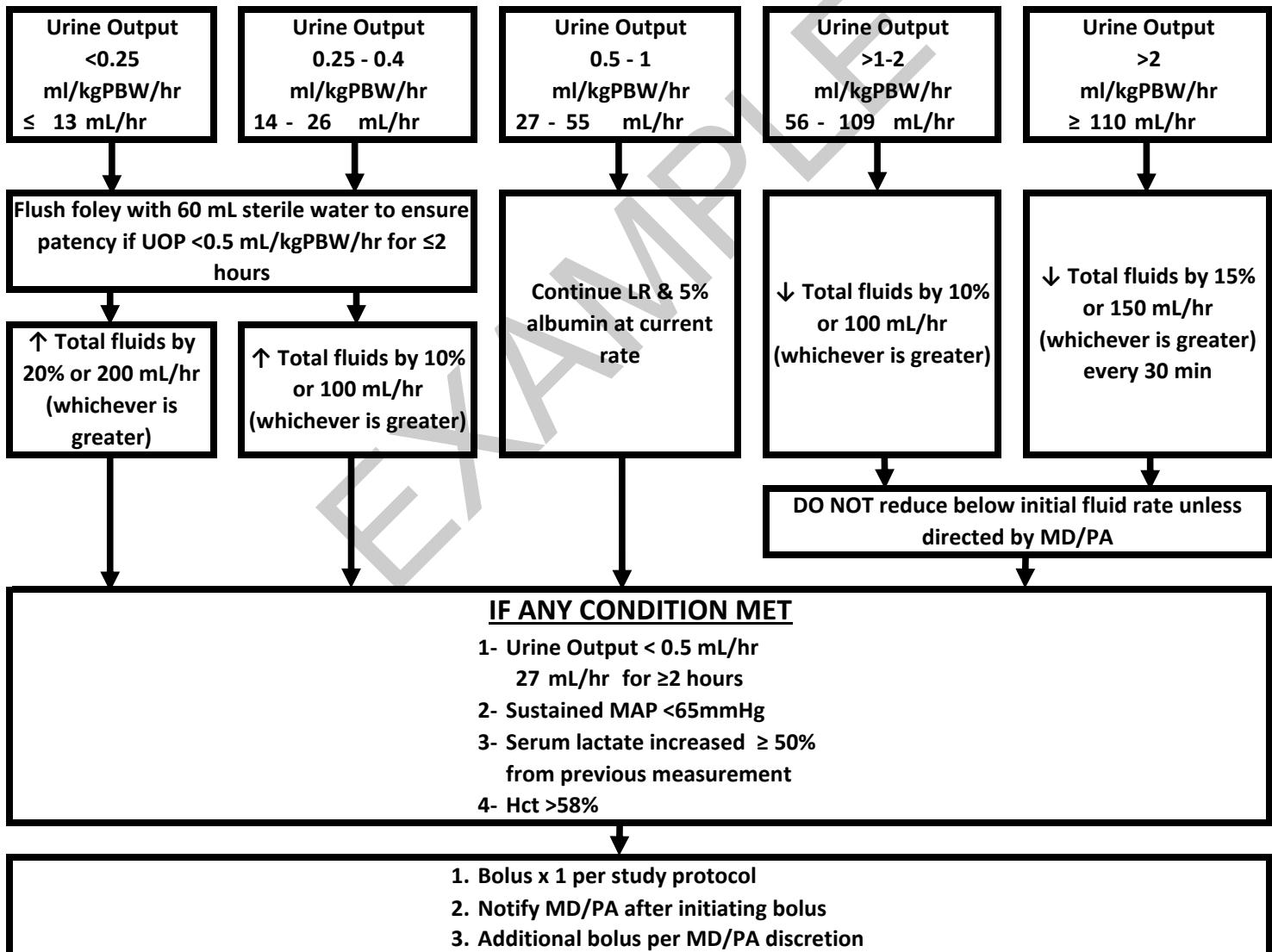
Height	64	in
TBSA	250	%
PBW	55	kg

LR 760 mL/hr + Albumin 380 mL/hr

Total fluids = LR + 5% albumin

1. Begin Resuscitation as ordered by MD/PA
2. Measure and record urine output hourly in EMR
3. Follow algorithm for 48 hours after time of injury, if vitals stable
4. Notify MD/PA at 48 hours after injury when resuscitation is complete

- Vitals Unstable: Notify MD/PA
1. UOP <0.5 mL/kgPBW/hr for ≥ 2 hours
 2. Sustained HR >130
 3. Sustained MAP <65
 4. Lactic acid ↑≥ 50% from prior value
 5. Hct >58%



Continue Fluid Resuscitation and Titration for 48 hours

End Resuscitation: Saturday, October 2, 2021 at 2:25 PM

Get GCS, CBC and BMP

Sat	10/02/21	@ 2:25 PM
Sun	10/03/21	@ 2:25 PM
Mon	10/04/21	@ 2:25 PM

Lactated Ringers + 5% Albumin Infusion Guide

Total Resuscitation Rate	Lactated Ringers Rate	Albumin Rate	Total Resuscitation Rate	Lactated Ringers Rate	Albumin Rate
125	85	40	345	230	115
130	85	45	350	235	115
135	90	45	355	235	120
140	95	45	360	240	120
145	95	50	365	245	120
150	100	50	370	245	125
155	105	50	375	250	125
160	105	55	380	255	125
165	110	55	385	255	130
170	115	55	390	260	130
175	115	60	395	265	130
180	120	60	400	265	135
185	125	60	405	270	135
190	125	65	410	275	135
195	130	65	415	275	140
200	135	65	420	280	140
205	135	70	425	285	140
210	140	70	430	285	145
215	145	70	435	290	145
220	145	75	440	295	145
225	150	75	445	295	150
230	155	75	450	300	150
235	155	80	455	305	150
240	160	80	460	305	155
245	165	80	465	310	155
250	165	85	470	315	155
255	170	85	475	315	160
260	175	85	480	320	160
265	175	90	485	325	160
270	180	90	490	325	165
275	185	90	495	330	165
280	185	95	500	335	165
285	190	95	505	335	170
290	195	95	510	340	170
295	195	100	515	345	170
300	200	100	520	345	175
305	205	100	525	350	175
310	205	105	530	355	175
315	210	105	535	355	180
320	215	105	540	360	180
325	215	110	545	365	180
330	220	110	550	365	185
335	225	110	555	370	185
340	225	115	560	375	185

Lactated Ringers + 5% Albumin Infusion Guide

Total Resuscitation Rate	Lactated Ringers Rate	Albumin Rate	Total Resuscitation Rate	Lactated Ringers Rate	Albumin Rate
565	375	190	785	525	260
570	380	190	790	525	265
575	385	190	795	530	265
580	385	195	800	535	265
585	390	195	805	535	270
590	395	195	810	540	270
595	395	200	815	545	270
600	400	200	820	545	275
605	405	200	825	550	275
610	405	205	830	555	275
615	410	205	835	555	280
620	415	205	840	560	280
625	415	210	845	565	280
630	420	210	850	565	285
635	425	210	855	570	285
640	425	215	860	575	285
645	430	215	865	575	290
650	435	215	870	580	290
655	435	220	875	585	290
660	440	220	880	585	295
665	445	220	885	590	295
670	445	225	890	595	295
675	450	225	895	595	300
680	455	225	900	600	300
685	455	230	905	605	300
690	460	230	910	605	305
695	465	230	915	610	305
700	465	235	920	615	305
705	470	235	925	615	310
710	475	235	930	620	310
715	475	240	935	625	310
720	480	240	940	625	315
725	485	240	945	630	315
730	485	245	950	635	315
735	490	245	955	635	320
740	495	245	960	640	320
745	495	250	965	645	320
750	500	250	970	645	325
755	505	250	975	650	325
760	505	255	980	655	325
765	510	255	985	655	330
770	515	255	990	660	330
775	515	260	995	665	330
780	520	260	1000	665	335

Lactated Ringers + 5% Albumin Infusion Guide

Total Resuscitation Rate	Lactated Ringers Rate	Albumin Rate	Total Resuscitation Rate	Lactated Ringers Rate	Albumin Rate
1005	670	335	1225	815	410
1010	675	335	1230	820	410
1015	675	340	1235	825	410
1020	680	340	1240	825	415
1025	685	340	1245	830	415
1030	685	345	1250	835	415
1035	690	345	1255	835	420
1040	695	345	1260	840	420
1045	695	350	1265	845	420
1050	700	350	1270	845	425
1055	705	350	1275	850	425
1060	705	355	1280	855	425
1065	710	355	1285	855	430
1070	715	355	1290	860	430
1075	715	360	1295	865	430
1080	720	360	1300	865	435
1085	725	360	1305	870	435
1090	725	365	1310	875	435
1095	730	365	1315	875	440
1100	735	365	1320	880	440
1105	735	370	1325	885	440
1110	740	370	1330	885	445
1115	745	370	1335	890	445
1120	745	375	1340	895	445
1125	750	375	1345	895	450
1130	755	375	1350	900	450
1135	755	380	1355	905	450
1140	760	380	1360	905	455
1145	765	380	1365	910	455
1150	765	385	1370	915	455
1155	770	385	1375	915	460
1160	775	385	1380	920	460
1165	775	390	1385	925	460
1170	780	390	1390	925	465
1175	785	390	1395	930	465
1180	785	395	1400	935	465
1185	790	395	1405	935	470
1190	795	395	1410	940	470
1195	795	400	1415	945	470
1200	800	400	1420	945	475
1205	805	400	1425	950	475
1210	805	405	1430	955	475
1215	810	405	1435	955	480
1220	815	405	1440	960	480

Lactated Ringers + 5% Albumin Infusion Guide

Total Resuscitation Rate	Lactated Ringers Rate	Albumin Rate	Total Resuscitation Rate	Lactated Ringers Rate	Albumin Rate
1445	1110	335	1665	1110	555
1450	965	485	1670	1115	555
1455	970	485	1675	1115	560
1460	975	485	1680	1120	560
1465	975	490	1685	1125	560
1470	980	490	1690	1125	565
1475	985	490	1695	1130	565
1480	985	495	1700	1135	565
1485	990	495	1705	1135	570
1490	995	495	1710	1140	570
1495	995	500	1715	1145	570
1500	1000	500	1720	1145	575
1505	1005	500	1725	1150	575
1510	1005	505	1730	1155	575
1515	1010	505	1735	1155	580
1520	1015	505	1740	1160	580
1525	1015	510	1745	1165	580
1530	1020	510	1750	1165	585
1535	1025	510	1755	1170	585
1540	1025	515	1760	1175	585
1545	1030	515	1765	1175	590
1550	1035	515	1770	1180	590
1555	1035	520	1775	1185	590
1560	1040	520	1780	1185	595
1565	1045	520	1785	1190	595
1570	1045	525	1790	1195	595
1575	1050	525	1795	1195	600
1580	1055	525	1800	1200	600
1585	1055	530	1805	1205	600
1590	1060	530	1810	1205	605
1595	1065	530	1815	1210	605
1600	1065	535	1820	1215	605
1605	1070	535	1825	1215	610
1610	1075	535	1830	1220	610
1615	1075	540	1835	1225	610
1620	1080	540	1840	1225	615
1625	1085	540	1845	1230	615
1630	1085	545	1850	1235	615
1635	1090	545	1855	1235	620
1640	1095	545	1860	1240	620
1645	1095	550	1865	1245	620
1650	1100	550	1870	1245	625
1655	1105	550	1875	1250	625
1660	1105	555	1880	1255	625

Lactated Ringers + 5% Albumin Infusion Guide

Total Resuscitation Rate	Lactated Ringers Rate	Albumin Rate	Total Resuscitation Rate	Lactated Ringers Rate	Albumin Rate
1885	1255	630	2105	1405	700
1890	1260	630	2110	1405	705
1895	1265	630	2115	1410	705
1900	1265	635	2120	1415	705
1905	1270	635	2125	1415	710
1910	1275	635	2130	1420	710
1915	1275	640	2135	1425	710
1920	1280	640	2140	1425	715
1925	1285	640	2145	1430	715
1930	1285	645	2150	1435	715
1935	1290	645	2155	1435	720
1940	1295	645	2160	1440	720
1945	1295	650	2165	1445	720
1950	1300	650	2170	1445	725
1955	1305	650	2175	1450	725
1960	1305	655	2180	1455	725
1965	1310	655	2185	1455	730
1970	1315	655	2190	1460	730
1975	1315	660	2195	1465	730
1980	1320	660	2200	1465	735
1985	1325	660	2205	1470	735
1990	1325	665	2210	1475	735
1995	1330	665	2215	1475	740
2000	1335	665	2220	1480	740
2005	1335	670	2225	1485	740
2010	1340	670	2230	1485	745
2015	1345	670	2235	1490	745
2020	1345	675	2240	1495	745
2025	1350	675	2245	1495	750
2030	1355	675	2250	1500	750
2035	1355	680	2255	1505	750
2040	1360	680	2260	1505	755
2045	1365	680	2265	1510	755
2050	1365	685	2270	1515	755
2055	1370	685	2275	1515	760
2060	1375	685	2280	1520	760
2065	1375	690	2285	1525	760
2070	1380	690	2290	1525	765
2075	1385	690	2295	1530	765
2080	1385	695	2300	1535	765
2085	1390	695	2305	1535	770
2090	1395	695	2310	1540	770
2095	1395	700	2315	1545	770
2100	1400	700	2320	1545	775