



## COVID-19 Formula Charts

Hubei Provincial Hospital of Traditional Chinese Medicine 2/10/2020				COVID-19 Diagnosis and Treatment Plan (tentative 7th edition) 3/3/2020				
<p><b>Closed Interior and Abandoned Exterior Syndrome</b> 内闭外脱证</p> <p><b>Treatment Strategy</b> Open the Closed, Consolidate the Abandoned, Detoxify, Rescue Reversal</p>	<p>mental incoherence, irritability, burning or heat sensation in the chest and abdomen, cold extremities, accelerated respiration and need for assisted breathing, <b>Tongue:</b> scarlet purple, dry yellow or yellowish brown coating, <b>Pulse:</b> floating, forceful that is empty in the deep level, or rootless.</p>	<p>Pneumonia Formula #4 (Si Ni Tang with Ren Shen Tang with addition) 精英4号 (常备加入参汤、速服 安否牛黄丸、紫雪散)</p>	<p>Ren Shen 人参 (Radix et Rhizoma Ginseng) 10g Fu Zi 制附子(Radix Aconiti Lateralis Praeparata) 10g Serve with An Gong Niu Huang Wan or Zi Xue San.</p>	<p><b>Critical Type</b> 危重型</p>	<p><b>Internal Block and Outward Desertion</b> 内闭外脱证</p>	<p>Spasms, asthma requires assisted ventilation, dizziness, irritability, cold sweaty limbs, <b>Tongue:</b> purple, thick or dry fur, <b>Pulse:</b> large, floating and rootless pulse.</p>	<p>Ren Shen 人参(Radix Ginseng) 15g, Hei Shun Pian 黑顺片(Radix Aconiti Lateralis Preparata) 10g (decocted first), Shan Zhu Yu 山茱萸(Fructus Corni) 15g, serve with Suhexiang Pills 苏合香丸 or Angong Niu Huang Pills 安否牛黄丸</p> <p>for patients on ECMO with distention, constipation, can use Sheng Da Huang 生大黄 5-10g, when the man-machine out of sync, under the use of sedatives and muscle relaxants, can use Sheng Da Huang 生大黄 5-10g and Mang Xiao 芒硝 5-10g.</p>	<p><b>Recommended Chinese Medicine Injections:</b> Xuebijing 血必净 Injection, Reducing Heat 清热宁 Injection, Tanreqing 痰热清 Injection, Xingnaoqing 醒脑静 Injection, Shengmai 参脉 Injection, Shengmai 参脉 Injection #1, Shengmai 参脉 Injection #2.</p> <p>Drugs with similar effects may be selected according to individual conditions or may be used jointly according to clinical symptoms. Traditional Chinese medicine injection can be used in combination with decoction. Notes: Recommended Usage of Traditional Chinese Medicine Injections for Severe and Critical Cases</p> <p><b>The use of traditional Chinese medicine injections should follow the principle of starting with low dosages and modifying gradually and dialectically according to the drug instructions.</b></p> <p><b>The recommended usage is as follows:</b> <b>Viral Infection or Combined with Mild Bacterial Infection:</b> 0.9% Sodium Chloride Injection 250 mL and Xiyangping 喜炎平 Injection 100 mg bid, or 0.9% Sodium Chloride Injection 250 mL and Reducing Heat 清热宁 Injection 20 mL, or 0.9% Sodium Chloride Injection 250 mL and Tanreqing Injection 痰热清 40 mg bid.</p> <p><b>Severe Fever with Consciousness Disturbance:</b> Xingnaoqing 醒脑静 Injection 20 mL and 0.9% Sodium Chloride Injection 250 mL, bid, twice daily.</p> <p><b>Systemic Inflammatory Response Syndrome (SIRS) and/or multiple organ failure:</b> Xuebijing 血必净 Injection 100 mL and 0.9% Sodium Chloride Injection 250 mL, bid, twice daily.</p> <p><b>Immunosuppression:</b> Shengmai 参脉 Injection 100 mL and 0.9% Sodium Chloride Injection 250 mL, bid, twice daily.</p> <p><b>Shock:</b> Shenlu 参附 Injection 100 mL and 0.9% Sodium Chloride Injection 250 mL, bid, twice daily.</p>
				<p><b>Deficiency of Qi and Yin</b> 气阴两虚证</p>	<p>fatigue, shortness of breath, dry mouth, thirst, palpitations, poor appetite, low fever or no fever, dry cough, less sputum, <b>Tongue:</b> dry, with less fluids <b>Pulse:</b> thin or weak without force</p>	<p>Nan Sha Shen 南沙参(Radix Adenophorae) 10g, Bei Sha Shen 北沙参(Radix Glehniae) 10g Mai Men Dong 麦门冬(Radix Ophiopogonis) 15g, Xi Yang Shen 西洋参(Radix Panacis Quinquefolii) 6g, Wu Wei Zi 五味子(Fructus Schisandrae Chinensis) 6g, Sheng Shi Cao 生石膏(raw Gypsum Fibrosum) 15g, Dan Zhu Ye 淡竹叶(Herba Lophatheri) 10g, Sang Ye 桑叶(Folium Mori) 10g, Lu Gen 芦根(Rhizoma Phragmitis) 15g, Dan Shen 丹参(Radix Salviae Miltiorrhizae) 15g, Sheng Gan Cao 生甘草(Radix Glycyrrhizae) 6g</p>	<p>One dose per day, decocted with 400 mL water, intake once in the morning and once in the evening.</p>	