

Blockage of Fallopian Tubes

- Damage to structure of the tubes are likely caused by PID.
- Chlamydia is the most common cause of tubal infection
 - 40% untreated cause PID and 20% of those affected will become infertile
- Gonorrhea is the second most common cause STD after Chlamydia in developed nations

Diagnosis

- Hysterosalpingo-contrast- sonography (HyCoSy) - preferred technique for investigation of fallopian tube patency. It is a dynamic ultrasound of the uterus and tubes taken while a solution of galactose and 1% palmitic acid(Levovist) or a mixture of air and saline is infused into the uterine cavity and observed as it moves through the fallopian tube tubes. The bright echoes generated by the solution and the use of the color doppler imaging allow clear visualization of the tubes and their function. This procedure is performed in the first 10 days of the menstrual cycle. This can also examine the ovaries and other pelvic organs
- Hysterosalpingogram (HSG) - X-ray of the inside of the Uterus and tube which is done by injecting an X-ray opaque medium through the cervix. The dye is forced into the uterus, and tubes under pressure, until it spills out into the pelvic cavity. The pressure from the fluid passing could have a therapeutic effect by clearing some tubal obstruction.
- Laparoscopy - Surgical procedure done directly into the pelvic cavity, by means of a small fiberoptic tube passed down a catheter. The health of the fallopian tube from the outside can be seen and their patency tested by passing colored dye through the cervix and watching for its appearance at the far end.

TCM for early stage Structure blockage

- If the structure is at the early stage and not too damaged, the best results are obtained with the use of herbs via the rectum in addition to oral herbal therapy

| Blood Stagnation Due to Invasion by Cold | | | |
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| Etiology | Diagnosis | Herbs | Acu |
| Invasion of cold happens when the uterus is open, Eg. during the period, | Pulse is tight or thready Tongue Body - maybe unaffected if cold invasion is | Shao Fu Zhu Yu Tang Dang gui 9g Chuan Xiong 6g Chi Shao 9g | KD 14, Ren 4, St 29, St 28, Sp 13 - To regulate and move qi and cold |

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| just after delivery, or after a miscarriage or abortion. Cold Congeals blood, cold reaches the tubes and affects their function and contributes to infertility. Cold abdomen, and any period pain or ovulatory pain will respond well to warmth. | recent, or maybe purplish if stagnation has become entrenched. | Xiao Hui Xiang 6g Yan Hu Suo 6g Wu Ling Zhi 6g Pu Hung 9g Mo Yao 6g Rou Gui 6g Gan Jiang 6g <ul style="list-style-type: none"> If blockage is complete add to the decoction 1.5g of a powder from grinding - wu Gong 1 or 2 pieces, Quan Xie 6g | and or masses in the abdomen Sp 6 and LV5 - to regulate qi and blood in the lateral abdomen |
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| Blood Stagnation Due to Invasion by Heat | | |
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| Eitology | Herbs | Acu |
| <ul style="list-style-type: none"> - Endometriosis and some forms of acute illness fall into this category - Burning pain in the abdomen, thirst and irritability and frequent heavy periods or functional uterine bleeding. - Herbs Combine Ge Xia Zhu Yu Tang (| Ge Xia Zhu Yu Tang plus Dan Zhi Xiao Yao San Dang Gui 9 g Chuan Xiong 9g Tao Ren 9g Hong Hua 9g Wu Ling Zhi 9g Wu Yao 9g Yan Hu Suo 6g Zhi Zi 6g Chi Shao 9g Mu Dan Pi 9g | LV 2 - Clear heat in the blood and regulate qi LV 1 - Clear heat in teh blood to stop bleedign and regulate the lower jiao SP 10 - cool and regulate blood and dispel stagnation KD 8 and KD 13 - to regulate blood in the chong and ren |

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| <p>Blood stagnation formula) with Dan Zhi Xiao Yao San (Clear Heat Formula), addresses the inflammation and the tube obstruction. Antibiotics may also be required in these cases</p> | <p>Xiang Fu 6g Zhi Ke 6g Fu Ling 12g Bo He 3g Gan Cao 3g</p> | <p>vessels, clear heat from the blood and stop bleeding</p> |
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| Blood stagnation due to accumulation of Damp heat | | |
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| Etiology | Herbs | Acu |
| <ul style="list-style-type: none"> - This type of obstruction is associated with pelvic infection which usually requires antibiotic treatment. - If the infection and inflammation still persists after antibiotics, further efforts to clear heat and damp and resolve blood stasis | <p>Fu Fang Hong Teng Jian Hong Teng 30g Bai Jiang Cao 30g Pu gong Yin 15g Zi Hua Di Ding 15g Ru Xiang 6g Mo Yao 6 g Mu Xiang 6g Dang Gui 9g Chi Shao 9g Wu Ling Zhi 9g Yi Yi Ren 30g</p> <p>Hong Teng, Bai Jiang Cao, Pu Gong Yin and Zhi Hua Di Ding - all used in large doses to clear heat and pus</p> | <p>LV 5, Lv 8 - Clear Damp heat and blood stagnation on the lower jiao</p> <p>KD 7, GB 26, ST 40 - Clear Damp Heat</p> <p>SP 12- Regulate Qi and Blood in tubes</p> |

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| | <p>Ru xiang and Mo Yao, Wu Ling Zhi break up blood stasis and aid in getting the above detoxifying medicinals to the necessary site in and around the tubes. Dang Gui and Chi Shao also help circulate blood. Yi Yi Ren dispels Damp. The addition of the Mu Xiang ensures movement of Qi in the Abdomen and relieves abdominal pain.</p> | |
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| Blood Stagnation due to Accumulation of Cold- Damp | | |
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| Etiology | Herbs | Acu |
| Manifests as edema of the tube, thick mucus discharges or some adhesions of tubes to the ovary or other organs | <p>Gui zhi Fu Ling Wan</p> <p>Gui Zhi 9g Fu Ling 9g Mu Dan Pi 9g Tao Ren 9g Chi Shao 9g</p> | <p>Gb 26 and Sp 9 - Drain Damp in lower jiao</p> <p>ST 28 - move fluid and qi in the tubes</p> <p>SP 6 - to clear damp and blood stagnation in the lower jiao</p> |

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| | | KI 5 - to move mucus from the tubes and clear blood stagnation |
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| Blood Stagnation due to retention of pregnancy products or placenta | |
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| Herbs | Acu |
| <p>Ge Xia Zhu Yu Tang Modified</p> <p>Dang Gui 9g Chuan Xiong 6g Tao Ren 9g Hong Hua 9g Wu Ling Zhi 9g Wu Yao 6g Yan Hu Suo 6g Chi Shao 6g Mu dan Pi 6g Chuan Niu Xi 9g Xiang Fu 9g Zhi Ke 6g Zhi Zi 9g Hong teng 9g Gan Cao (zhi) 3g</p> <p>Added to this formula are Chuan Niu Xi, to make descending action, Zhi Zi and Hong Teng to clear heat and prevent sepsis. Gan Cao (Zhi) to moderate and harmonize the strong actions of these herbs</p> | <p>SP 8 and ST 29 to treat stagnation in the uterus</p> <p>SP 6 to regulate qi and blood in the uterus</p> <p>Ren 4 to encourage the uterus to expel its contents in conjunction with Sp 6</p> |

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| Blood Stagnation due to stagnation of Liver Qi | | |
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| Etiology | Herbs | Acu |
| Emotional Distress | Chai Hu Tong Liu Ying Chai Hu 12g Dang Gui 9g Chi Shao 9g Yu Jin 9g Su Mu 6g Si Gua Luo 9g Ju He 3g | LV 3, 4, 5 - Regulate Qi in the lateral abdomen and tubes PC 7, 5 - Clam the mind and regulate liver qi and blood SP 13 or 12 - Regulate qi and clear stagnant blood from the tubes |
| | Su Gua Luo used in the context to clear channel (specifically the tubes), and Su Mu to remove obstruction from tubes. Additionally the herb appears to have a strong antibiotic activity in in-vitro testing. | |

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| Flushing the Tubes |
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| Etiology and Formula | Application of herbal medicine per rectum | Acu |
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| <p>Injectable of saline devotion of herbal formulat below. This procedure works best for patients that have distal obstruction of fallopian tubes. This is done righ after th period, so it does not interfere with ovulation.</p> <p>Fu Fang Dang Gui Zhi Shi Ye Dang Gui 15g Hong Hua 9g Chuan Xiong 9g</p> | <p>Fu Fang Hong Teng Bai Jiang San Dang Gui 9g Chi Shao 9g Bai Shao 9g Hong Teng 15g Bai Jiang Cao 15g Mu Xiang 6g Yan Huo Suo 9g Chai Hu 6g Chen Pi 6g Sang ji Sheng 12g Shan Zha 12g Yi Yi Ren 15g</p> <p>Modifications Blood invigorating - Mo Yao 9g - Ru Xiang 9g Badly scarring or obstructed tubes add herbs which soften and break adhesions - Lu Lu Tong 9g - Su Mu 9g If Masses are palpable add Gui Zhi Fu Ling Tang Gui Zhi 6g Fu Ling 9g Mu dan Pi 9g Tao ren 9g</p> | <p>LV 5 - to circulate qi and blood in the fallopian tubes</p> <p>LV 4,3,8 - Distal points to regulate qi and blood in the lower jiao</p> <p>Sp 6, 8 - regulate qi in the spleen and liver channels</p> <p>ST 28,29, Zi gongo Xue, KD 14 - local points to regulate qi</p> <p>SP 12,13,Tituo - For pain or discomfort in lateral abdomen at midcycle</p> <p>BL 22,24,32 - Back points to assist regulation of Qi in the lower jiao</p> <p>BL 18 - regulate Live qi</p> <p>PC 5 and Ren 4 - to balance upper and lower body and clam the mind</p> |

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| | Chi Shao 9g | |
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