

The incidence of adverse reactions of herbs for clearing damp-heat in recent years

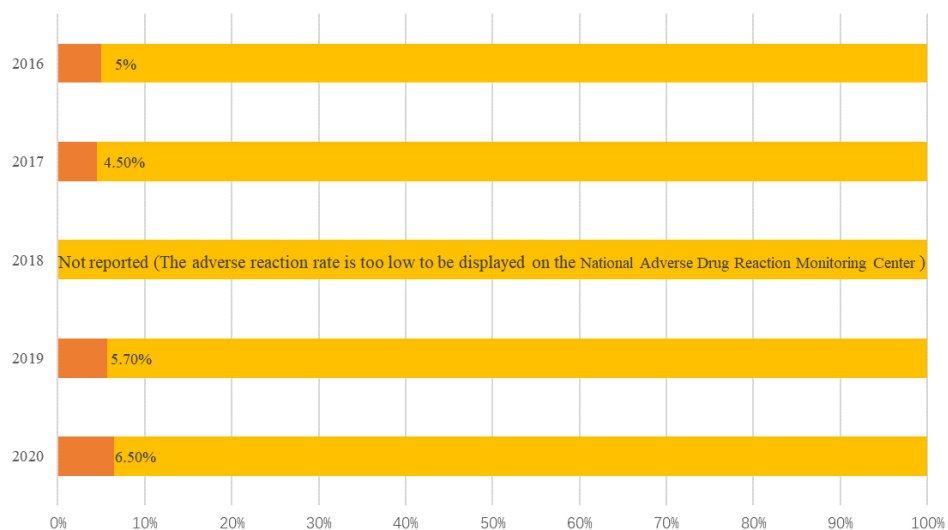


Figure S1 The probability of adverse reactions of herbs that clearing heat and dampness.

Table S1 The detailed information of included guidelines.

Guides / Books	Year	Publishing unit / Chief editor	Publisher	ISBN/DOI	Recommended prescription	Type of syndrome
Textbook of TCM ^{13th}	2018	Jinshui Chen	People's Medical Publishing House	ISBN: 978-7-1172-6688-8	Xuan Bi Decoction	wind-damp-heat syndrome
Guidelines for diagnosis and treatment of rheumatoid arthritis	2018	Rheumatism branch of Chinese Medicine Association	Journal of traditional Chinese Medicine	DOI: 10.13288/j.11-2166/r.2018.20.018	Xuan Bi Decoction, Dang Gui Nian Tong Decoction, Er Miao Powder, Qing Re Huo Xue Decoction, Si Miao Xiao Bi Decoction, Qing Luo Yin, Si Miao Pill	dampness-heat blockage type
Evidence-based clinical practice guidelines of TCM: internal medicine of TCM	2011	China Academy of Chinese Medical Sciences	China Press of TCM	ISBN: 978-7-5132-0270-1	Si Miao Pill, Xuan Bi Decoction, Qing Bi Decoction	dampness-heat blockage type
Guidelines for diagnosis and treatment of arthralgia syndrome	2011	China Association of Chinese Medicine	Chinese Medicine Modern Distance Education of China	DOI: 10.3969/j.issn.1672-2779.2011.11.100	Bai Hu Gui Zhi Decoction, Xuan Bi Decoction	wind-damp-heat syndrome
Guidelines for diagnosis and treatment of rheumatoid arthritis	2011	China Association of Chinese Medicine	Chinese Medicine Modern Distance Education of China	DOI: 10.3969/j.issn.1672-2779.2011.11.101	Da Qin Jiao Decoction	dampness-heat blockage type
Clinical practice guide of traditional Chinese medicine rehabilitation - rheumatoid arthritis	2020	Clinical practice guide of traditional Chinese medicine rehabilitation -Working group on rheumatoid arthritis	Journal of rehabilitation	Doi: CNKI:SUN:FYXB.0.2020-01-006	Xuan Bi Decoction, Dang Gui Nian Tong Decoction, Er Miao Powder	dampness-heat blockage type
Guidelines for clinical diagnosis and treatment of TCM	2013	Zongsheng Zhang	Jilin Science and Technology Press	ISBN: 978-7-5384-7159-5	Bai Hu Gui Zhi Decoction	wind-damp-heat syndrome
TCM Guidelines for diagnosis and treatment of common clinical diseases	2013	Yingming Pan <i>et al</i>	Tianjin Science and Technology Press	ISBN: 7-5308-5019-9	Si Miao Pill, Bai Hu Gui Zhi Decoction	wind-damp-heat syndrome
Guidelines for syndrome differentiation and treatment of common diseases in TCM	2014	Yuhong Gao	Xi'an Jiaotong University Press	ISBN: 978-7-5605-6489-0	Si Miao Pill, Bai Hu Gui Zhi Decoction	wind-damp-heat syndrome
Guidelines for diagnosis and treatment of common diseases in internal medicine of TCM	2008	China Association of Chinese Medicine	China traditional Chinese Medicine Press	ISBN: 978-7-80231-437-5	Bai Hu Gui Zhi Decoction- Xuan Bi Decoction	wind-damp-heat syndrome
New series of clinical disciplines of TCM rheumatology	2018	Jiayun Pan <i>et al</i>	Science Press	ISBN: 978-7-03-055374-4	Zhu Ye Shi Gao Decoction	wind-damp-heat syndrome
Practical rheumatology of traditional Chinese Medicine	2009	Chengde Wang <i>et al</i>	People's Medical Publishing House	ISBN: 978-7-117-11537-7	Da Qin Jiao Decoction Xuan Bi Decoction, Si Miao Pill- Xuan Bi Decoction	wind-damp-heat syndrome dampness-heat blockage type
Rheumatology of TCM	2003	Deji Chen	The Medicine Science and Technology Press of China	ISBN: 7-5067-2667-X	Yi Yi Ren Decoction	dampness-heat blockage type
Rheumatology of TCM	2010	Yulin Lou	People's Medical Publishing House	ISBN: 978-7-117-12198-9	Xuan Bi Decoction, Li Jie Qing Yin, Si Miao Pill, Cang Bai Er Miao Pill, Mu Fang Ji Decoction Cang Zhu Bai Hu Decoction-San Miao Pill, Qing Bi Decoction, Nian Tong Decoction, Da Qin Jiao Decoction, Yin Qiao Powder, Bai Hu Gui Zhi Decoction -Xuan Bi Decoction, Qing Zao Jiu Fei Decoction- Yi Guan Jian, Bai Hu Gui Zhi Decoction Dang Gui Nian Tong Decoction Modified Er Miao Pill	dampness-heat blockage type wind-damp-heat syndrome wind-damp-heat syndrome / dampness-heat blockage type wind-damp-heat syndrome / dampness-heat blockage type
Practical internal medicine of integrated traditional Chinese and Western Medicine	1998	Keyi Chen	Beijing Medical University / Peking Union Medical University Press	ISBN: 7-81034-738-1	Xuan Bi Decoction- Er Miao Pill Si Miao Yong An Decoction	damp-heat syndrome damp-heat syndrome (heat syndrome is obvious)
Interpretation of clinical diagnosis and treatment guidelines of TCM -Rheumatism Division	2015	Chinese medicine standardization branch of China Association for Standardization	China Press of TCM	ISBN: 978-7-5132-2667-7	Da Qin Jiao Decoction	dampness-heat blockage type
Internal medicine of integrated traditional Chinese and Western Medicine	2014	Jun Zhao <i>et al</i>	Science and Technology Literature Press	ISBN: 978-7-5023-9534-6	Xuan Bi Decoction- San Miao Pill	dampness-heat blockage type
Rheumatoid arthritis	2011	Guangxian Cai <i>et al</i>	Hunan Journal of TCM	Doi: CNKI:SUN:HNZO.0.2011-03-074	Da Qin Jiao Decoction, Si Miao Pill, Xuan Bi Decoction	wind-damp-heat syndrome
Diagnosis and treatment of common rheumatism and related orthopedic diseases with integrated traditional Chinese and Western Medicine	2015	Xiaoping Yan <i>et al</i>	People's Medical Publishing House	ISBN: 978-7-117-21524-4	Xuan Bi Decoction- Sanr Miao Pill	dampness-heat blockage type
Internal medicine of TCM ^{6th} (new century textbook)	1985	Boyu Zhang	Shanghai Science and Technology Press	ISBN: 978-7-5323-0226-0	Bai Hu Gui Zhi Decoction, Xuan Bi Decoction	wind-damp-heat syndrome
Internal medicine of TCM ^{6-9th} (new century textbook)	1997	Yongyan Wang	Shanghai Science and Technology Press	ISBN: 7-5323-4105-4	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	Obvious damp-heat syndrome
	2003	Zhongying Zhou	China Press of TCM	ISBN: 7-80156-313-1	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	wind-damp-heat syndrome
	2007	Zhongying Zhou	China Press of TCM	ISBN: 7-80156-313-1	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	wind-damp-heat syndrome
	2012	Mianhua Wu <i>et al</i>	China Press of TCM	ISBN: 978-7-5132-0846-8	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	wind-damp-heat syndrome
Internal medicine of TCM ^{10th} (new century textbook)	2017	Boli Zhang <i>et al</i>	China Press of TCM	ISBN: 978-7-5132-3482-5	Bai Hu Gui Zhi Decoction	wind-damp-heat syndrome
Integrated traditional Chinese and Western medicine internal medicine ^{1th}	2003	Shaoyuan Yu	Science Press	ISBN: 978-7-03-012119-8	Da Qin Jiao Decoction	dampness-heat blockage type
Integrated traditional Chinese and Western medicine internal medicine ^{2th}	2008	Shaoyuan Yu <i>et al</i>	Science Press	ISBN: 978-7-03-020539-1	Si Miao Pill	dampness-heat blockage type
Integrated traditional Chinese and Western medicine internal medicine ^{3th}	2018	Huanlin Wu <i>et al</i>	Science Press	ISBN: 978-7-03-033236-3	Si Miao Pill, Dang Gui Nian Tong Decoction, Xuan Bi Decoction-San Miao Pill	dampness-heat blockage type
Internal medicine of TCM ^{1-2th} (Chinese medicine textbooks for general higher education in China)	2006	Delu Tian <i>et al</i>	Shanghai Science and Technology Press	ISBN: 7-5323-8447-0	Bai Hu Gui Zhi Decoction	wind-damp-heat syndrome
	2013	Delu Tian <i>et al</i>	Shanghai Science and Technology Press	ISBN: 978-7-5478-1577-9	Bai Hu Gui Zhi Decoction	wind-damp-heat syndrome
Internal medicine of TCM ^{3th} (Chinese medicine textbooks for general higher education in China)	2018	Xiaoping Yu <i>et al</i>	Shanghai Science and Technology Press	ISBN: 978-7-5478-3944-7	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	wind-damp-heat syndrome
Internal medicine of TCM ^{1th} (Teaching materials for national higher education of TCM)	2002	Delu Tian	People's Medical Publishing House	ISBN: 7-117-04465-9	Bai Hu Gui Zhi Decoction	heat syndrome
Internal medicine of TCM ^{3-3th} (Teaching materials for national higher education of TCM)	2012	Boli Zhang	People's Medical Publishing House	ISBN: 978-7-117-16059-9	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	wind-damp-heat syndrome
	2016	Boyu Xue <i>et al</i>	People's Medical Publishing House	ISBN: 978-7-117-22571-7	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	wind-damp-heat syndrome
Internal medicine of TCM ^{4th} (Reference series of colleges and universities of traditional Chinese Medicine)	2008	Zhongying Zhou <i>et al</i>	People's Medical Publishing House	ISBN: 978-7-117-09412-2	Bai Hu Gui Zhi Decoction	wind-damp-heat syndrome
Internal medicine of TCM ^{4th} (Teaching materials for national higher vocational education of TCM)	2018	Jianzhang Chen	People's Medical Publishing House	ISBN: 978-7-117-26380-1	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction, Da Qin Jiao Decoction	wind-damp-heat syndrome
Internal medicine of integrated traditional Chinese and Western Medicine (the national 11-12th-five planning textbooks)	2005	Guangxian Cai <i>et al</i>	China Press of TCM	ISBN: 7-80156-668-8	Si Miao Pill	dampness-heat blockage type
	2012	Zhiqiang Chen	China Press of TCM	ISBN: 978-7-5132-1007-2	Si Miao Pill Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	dampness-heat blockage type wind-damp-heat syndrome
Internal medicine of integrated traditional Chinese and Western Medicine (the national 13th-five planning textbooks)	2016	Zhiqiang Chen <i>et al</i>	China Press of TCM	ISBN: 978-7-5132-3477-1	Xuan Bi Decoction- San Miao Pill Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	dampness-heat blockage type wind-damp-heat syndrome
Internal medicine of traditional Chinese Medicine ^{2th} (Teaching materials for higher vocational education of Chinese medicine industry in China)	2018	Yingxin Zhou <i>et al</i>	China Press of TCM	ISBN: 978-7-5132-4961-4	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	wind-damp-heat syndrome
Internal medicine of traditional Chinese Medicine ^{2th} (Series teaching materials of TCM for national medical colleges and Universities)	2016	Ren luo <i>et al</i>	Science Press	ISBN: 978-7-03-047276-2	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	wind-damp-heat syndrome
Internal medicine of traditional Chinese Medicine (Textbook planning for National Medical Colleges)	2017	Yan shi	Science Press	ISBN: 978-7-03-053683-9	Bai Hu Gui Zhi Decoction Xuan Bi Decoction	wind-damp-heat syndrome Obvious damp-heat syndrome
Practical internal medicine of traditional Chinese Medicine ^{1-2th}	1986	Yaozhong Fang <i>et al</i>	Shanghai Science and Technology Press	ISBN: 14119-1665	Xuan Bi Decoction- San Miao Pill	dampness-heat blockage type
	2009	Yongyan Wang <i>et al</i>	Shanghai Science and Technology Press	ISBN: 978-7-5323-9303-9	Xuan Bi Decoction- San Miao Pill	dampness-heat blockage type
Internal medicine of integrated traditional Chinese and Western Medicine	2006	Boyu Xue	China Press of TCM	ISBN: 7-80231-017-2	Bai Hu Gui Zhi Decoction-Xuan Bi Decoction	dampness-heat blockage type

Table S2 Common toxic herbs.

28 kinds of toxic Chinese medicine management varieties	<p><i>Aconitum carmichaeli</i> Debeaux (Chuan Wu, <i>Aconiti Radix</i>); <i>Strychnos nux-vomica</i> L. (Ma Qian Zi, <i>Strychni Semen</i>); <i>Hyoscyamus niger</i> L. (Tian Xian Zi, <i>Hyoscyami Semen</i>); <i>Croton tiglium</i> L. (Ba Dou, <i>Crotonis Fructus</i>); <i>Rhododendron molle</i> (Blume) G.Don (Nao Yang Hua, <i>Rhododendri Mollis Flos</i>); <i>Aconitum kusnezoffii</i> Rchb. (Cao Wu, <i>Aconiti Kusnezoffii Radix</i>); <i>Mylabris phalerata</i> Pallas (Ban Mao, <i>Mylabris</i>); <i>Sauromatum giganteum</i> (Engl.) Cusimano & Hett. (Bai Fu Zi, <i>Typhonii Rhizoma</i>); <i>Pinellia ternata</i> (Thunb.) Makino (Ban Xia, <i>Pinelliae Rhizoma</i>); <i>Bufo bufo gargarizans</i> Cantor (Chan Su, <i>Bufois Venenum</i>); <i>Aconitum carmichaelii</i> Debx. (Fu Zi, <i>Aconiti Lateralis Radix Praeparaia</i>); <i>Euphorbia kansui</i> S.L.Liou ex S.B.Ho (Gan Sui, <i>Kansui Radix</i>); <i>Euphorbia fischeriana</i> Steud. (Lang Du, <i>Euphorbiae Ebracteolatae Radix</i>); <i>Euphorbia lathyris</i> L. (Qian Jin Zi, <i>Euphorbiae Semen</i>) and so on.</p>
83 kinds of Chinese medicine specified in the 2015 Pharmacopoeia	<p><i>Aconitum carmichaeli</i> Debeaux (Chuan Wu, <i>Aconiti Radix</i>); <i>Strychnos nux-vomica</i> L. (Ma Qian Zi, <i>Strychni Semen</i>); <i>Strychnos nux-vomica</i> L. (Ma Qian Zi Fen, <i>Strychni Semen Pulveratum</i>); <i>Hyoscyamus niger</i> L. (Tian Xian Zi, <i>Hyoscyami Semen</i>); <i>Croton tiglium</i> L. (Ba Dou, <i>Crotonis Fructus</i>); <i>Croton tiglium</i> L. (Ba Dou Shuang, <i>Crotonis Semen Pulveratum</i>); <i>Rhododendron molle</i> (Blume) G.Don (Nao Yang Hua, <i>Rhododendri Mollis Flos</i>); <i>Aconitum kusnezoffii</i> Rchb. (Cao Wu, <i>Aconiti Kusnezoffii Radix</i>); <i>Mylabris phalerata</i> Pallas (Ban Mao, <i>Mylabris</i>); <i>Hydrargyri Oxydum Rubrum</i> (Hong Fen).</p> <p><i>Sauromatum giganteum</i> (Engl.) Cusimano & Hett. (Bai Fu Zi, <i>Typhonii Rhizoma</i>); <i>Ginkgo biloba</i> L. (Bai Guo, <i>Ginkgo Semen</i>); <i>Chelidonium majus</i> L. (Bai Qu Cai, <i>Chelidonii Herba</i>); <i>Pinellia ternata</i> (Thunb.) Makino (Ban Xia, <i>Pinelliae Rhizoma</i>); <i>Ricinus communis</i> L. (Bi Ma Zi, <i>Ricini Semen</i>); <i>Xanthium strumarium</i> subsp. <i>Strumarium</i> (Cang Er Zi, <i>Xanthii Fructus</i>); <i>Bufo bufo gargarizans</i> Cantor (Chan Su, <i>Bufois Venenum</i>); <i>Hydrangea febrifuga</i> (Lour.) Y.De Smet & Granados (Chang Shan , <i>Dichroae Radix</i>); <i>Lagdera crispata</i> (Vahl) Hepper & J.R.I.Wood (Chou Ling Dan Cao, <i>Laggerae Herba</i>); <i>Aconitum carmichaelii</i> Debx. (Fu Zi, <i>Aconiti Lateralis Radix Praeparaia</i>); <i>Toxicodendron vernicifluum</i> (Stokes) F.A.Barkley (Gan Qi, <i>Toxicodendri Resina</i>); <i>Euphorbia kansui</i> S.L.Liou ex S.B.Ho (Gan Sui, <i>Kansui Radix</i>); <i>Physochlaina infundibularis</i> Kuang (Hua Shan Shen, <i>Physochlainae Radix</i>); (Jin Qian Bai Hua She , <i>Bungarusparvus</i>); <i>Euphorbia pekinensis</i> Rupr. (Jing Da Ji, <i>Euphorbiae Pekinensis Radix</i>); <i>Melia azedarach</i> L. (Ku Lina Pi, <i>Meliae Cortex</i>); <i>Euphorbiafischeriana</i> Steud. (Lang Du, <i>Euphorbiae Ebracteolatae Radix</i>); <i>Anemonoides raddeana</i> (Regel) Holub (Liang Tou Jian, <i>Anemones Raddeanae Rhizoma</i>); (Liu Huang, <i>Sulfur</i>); <i>Momordica cochinchinensis</i> (Lour.) Spreng. (Mu Bie Zi, <i>Momordicae Semen</i>); (Qi She, <i>Agkistrodon</i>); <i>Euphorbia lathyris</i> L. (Qian Jin Zi, <i>Euphorbiae Semen</i>); <i>Euphorbia lathyris</i> L. (Qian Jin Zi Shuang, <i>Euphorbiae Semen Pulveratum</i>); <i>Ipomoea nil</i> (L.) Roth (Qian Niu Zi, <i>Pharbitidis Semen</i>); (Qing Fen, <i>Calomelas</i>); <i>Buthus martensii</i> Karsch (Quan Xie, <i>Scorpio</i>); <i>Berberis vulgaris</i> L. (San Ke Zhen, <i>Berberidis Radix</i>); <i>Sophora tonkinensis</i> Gagnep. (Shan Dou Gen, <i>Sophorae Tonkinensis Radix Et Rhizoma</i>); <i>Phytolacca americana</i> L. (Shang Lu, <i>Phytolaccae Radix</i>); <i>Arisaema erubescens</i> (Wall.) Schott (Tian Nan Xing, <i>Arisaematis Rhizoma</i>); <i>Pseudolarix amabilis</i> (J.Nelson) Rehder (Tu Jing Pi, <i>Pseudolaricis Cortex</i>); <i>Scolopendra subspinipes mutilans</i> L.Koch (Wu Gong, <i>Scolopendra</i>); <i>Curculigo orchioides</i> Gaertn. (Xian Mao, <i>Curculiginis Rhizoma</i>); <i>Periploca sepium</i> Bunge (Xinag Jia Pi, <i>Periplocae Cortex</i>); (Xiong Huang, <i>Realgar</i>); <i>Daphne genkwa</i> Siebold & Zucc. (Yuan Hua, <i>Genkwa Flos</i>); <i>Datura metel</i> L. (Yang Jin Hua, <i>Daturae Flos</i>); <i>Papaver somniferum</i> L. (Ying Su Qiao, <i>Papaveris Pericarpium</i>); <i>Aconitum kusnezoffii</i> Rchb. (Zhi Cao Wu, <i>Aconiti Kusnezoffii Radix Cocta</i>); <i>Aconitum carmichaeli</i> Debeaux (Zhi Chuan Wu, <i>Aconiti Radix Cocta</i>); <i>Arisaema erubescens</i> (Wall.) Schott (Zhi Dan Nan Xing, <i>Arisaematis Rhizoma Preparatum</i>); (Zhu Sha, <i>Cinnabaris</i>).</p> <p><i>Artemisia argyi</i> H.Lév. & Vaniot (Ai Ye, <i>Artemisiae Argyi Folium</i>); <i>Menispermum dauricum</i> DC. (Bei Dou Gen, <i>Menispermi Rhizoma</i>);</p> <p><i>Aconitum kusnezoffii</i> Rchb. (Cao Wu Ye, <i>Aconiti Kusnezoffii Folium</i>); <i>Melia azedarach</i> L. (Chuan Lian Zi, <i>Toosendan Fructus</i>); <i>Gleditsia sinensis</i> Lam. (Da Zao Jiao, <i>Gleditsiae Sinensis Fructus</i>); <i>Illicium difengpi</i> B.N.Chang (Di Feng Pi, <i>Illicii Cortex</i>); <i>Erycibe obtusifolia</i> Benth. (Ding Gong Teng, <i>Erycibes Caulis</i>); <i>Euphorbia hirta</i> L. (Fei Yang Cao, <i>Euphorbiae Hirtae Herba</i>); <i>Carpesium abrotanoides</i> L. (He Shi, <i>Carpesii Fructus</i>); <i>Knoxia roxburghii</i> subsp. <i>brunonis</i> (Wall. ex G.Don) R.Bhattacharjee & Deb (Hong Da Ji, <i>Knoxiae Radix</i>);</p> <p><i>Impatiens balsamina</i> L. (Ji Xing Zi, <i>Impatientis Semen</i>); <i>Tribulus terrestris</i> L. (Ji Li, <i>Tribuli Fructus</i>); <i>Psammosilene tunicoides</i> W.C.Wu & C.Y.Wu (Jin Tie Suo, <i>Psammosilenes Radix</i>); <i>Murraya paniculata</i> (L.) Jack (Jiu Li Xiang, <i>Murrayae Folium Et Cacumen</i>); <i>Entada phaseoloides</i> (L.) Merr. (Ke Teng Zi, <i>Entadae Semen</i>); <i>Picrasma quassioides</i> (D.Don) Benn. (Ku Mu, <i>Picrasmae Ramulus Et Folium</i>); <i>Prunus armeniaca</i> L. (Ku Xing Ren, <i>Armeniaca Semen Amarum</i>); <i>Zanthoxylum nitidum</i> (Roxb.) DC. (Liang Mian Zhen, <i>Zanthoxyli Radix</i>); <i>Dryopteris crassirhizoma</i> Nakai (Mian Ma Guan Zhong, <i>Dryopteridis Crassirhizomatis Rhizoma</i>); “<i>Dryopteris crassirhizoma</i> Nakai (Mian Ma Guan Zhong Tan, <i>Dryopteridis Crassirhizomatis Rhizoma Carbonisatum</i>); “<i>Osmunda japonica</i> Thunb. (Zi Qi Guan Zhong, <i>Osmundae Rhizoma</i>); <i>Daucus carota</i> L. (Nan He Shi, <i>Carotae Fructus</i>); <i>Cnidium monnieri</i> (L.) Cusson (She Chuang Zi, <i>Cnidii Fructus</i>); (Shui Zhi, <i>Hirudo</i>); (Tu Bie Chong, <i>Eupolyphaga Steleophaga</i>); <i>Podophyllum hexandrum</i> Royle (Xiao Ye Lian, <i>Sinopodophylli Fructus</i>); <i>Brucea javanica</i> (L.) Merr. (Ye Dan Zi, <i>Bruceae Fructus</i>); <i>Bassecoia hookeri</i> (C.B.Clarke) V.Mayer & Ehrend. (Yi Shou Cao, <i>Pterocephali Herba</i>); <i>Paris polyphylla</i> var. <i>yunnanensis</i> (Franch.) Hand-Mazz. (Chong Lou, <i>Paridis Rhizoma</i>); <i>Gleditsia sinensis</i> Lam. (Zhu Zao Ya, <i>Gleditsiae Fructus Abnormalis</i>).</p>

Table S3 Search strategy.

Search Strategies in PubMed (Number of Articles Retrieved: 11)		
Search block	Number	Search terms
Participants	#1	arthritis, rheumatoid[Mesh]
	#2	arthritis, rheumatoid[Title/Abstract]
	#3	rheumatoid arthritis[Title/Abstract]
	#4	bi syndrome[Title/Abstract]
	#5	RA[Title/Abstract]
	#6	rheumatism arthritis[Title/Abstract]
	#7	rheumatic arthritis[Title/Abstract]
	#8	rheumarthritis[Title/Abstract]
	#9	rheumarthritis[Title/Abstract]
	#10	rheumatoid disease[Title/Abstract]
	#11	arthritis deformans[Title/Abstract]
	#12	arthrosis deformans[Title/Abstract]
	#13	arthronosos deformans[Title/Abstract]
	#14	arthrorheumatism[Title/Abstract]
	#15	articular rheumatism[Title/Abstract]
	#16	chronic articular rheumatism[Title/Abstract]
	#17	chronic rheumatoid arthritis[Title/Abstract]
	#18	chronic rheumatic arthritis[Title/Abstract]
	#19	chronic progressive polyarthritis[Title/Abstract]
	#20	chronic polyarthritis[Title/Abstract]
	#21	chronic infectious arthritis[Title/Abstract]
	#22	chronic inflammatory arthritis[Title/Abstract]
	#23	chronic rheumatism[Title/Abstract]
	#24	atrophic arthritis[Title/Abstract]
	#25	infectious nonspecific polyarthritis[Title/Abstract]
	#26	proliferative arthritis[Title/Abstract]
	#27	primary chronic polyarthritis[Title/Abstract]
	#28	rheumatic polyarthritis[Title/Abstract]
	#29	beauvais disease[Title/Abstract]
	#30	polyarthritis chronique évolutive[Title/Abstract]
Combination 1	#31	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30
Intervention	#32	baihuguizhi[Mesh]
	#33	baihuguizhi[Title/Abstract]
	#34	xuanbi[Mesh]
	#35	xuanbi[Title/Abstract]
	#36	simiao[Mesh]
	#39	simiao[Title/Abstract]
	#40	daqinjiao[Mesh]
	#41	daqinjiao[Title/Abstract]
Combination 2	#42	ermiao[Mesh]
	#43	ermiao[Title/Abstract]
	#44	danguiniantong[Mesh]
	#45	danguiniantong[Title/Abstract]
	#46	sanmiao[Mesh]
	#47	sanmiao[Title/Abstract]
	#48	#33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46
Combination 3	#49	#31 AND #48

Search Strategies in CNKI (Number of Articles Retrieved: 453)		
Search block	Number	Search terms
Participants	#1	主题检索' SU: " 类风湿"
	#2	主题检索' SU: " 类风关"
	#3	主题检索' SU: " 类风湿性关节炎"
	#4	主题检索' SU: " 类风湿性关节炎"
	#5	主题检索' SU: " 类风湿病"
	#6	主题检索' SU: " RA"
	#7	主题检索' SU: " 痹症"
	#8	主题检索' SU: " 痹证"
	#9	主题检索' SU: " 痹痛"
	#10	主题检索' SU: " 痹病"
	#11	主题检索' SU: " 热痹"
	#12	主题检索' SU: " 风湿热痹"
	#13	主题检索' SU: " 湿热痹"
	#14	主题检索' SU: " 尪痹"
	#15	主题检索' SU: " 历节"
Combination 1	#16	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15
Intervention	#17	主题检索' SU: " 白虎桂枝汤"
	#18	主题检索' SU: " 桂枝白虎汤"
	#19	主题检索' SU: " 白虎加桂枝汤"
	#20	主题检索' SU: " 宣痹汤"
	#21	主题检索' SU: " 四妙丸"
	#22	主题检索' SU: " 四妙散"
	#23	主题检索' SU: " 二妙丸"
	#24	主题检索' SU: " 二妙散"
	#25	主题检索' SU: " 三妙丸"
	#26	主题检索' SU: " 三妙散"
	#27	主题检索' SU: " 大秦苕汤"
	#28	主题检索' SU: " 当归拈痛丸"
	#29	主题检索' SU: " 当归拈痛汤"
	Combination 2	#30
Combination 3	#31	#16 AND #30

Search Strategies in CQVIP (Number of Articles Retrieved: 238)		
Search block	Number	Search terms
Participants	#1	题名或关键词' M: (类风湿)
	#2	题名或关键词' M: (类风关)
	#3	题名或关键词' M: (类风湿性关节炎)
	#4	题名或关键词' M: (类风湿性关节炎)
	#5	题名或关键词' M: (类风湿病)
	#6	题名或关键词' M: (RA)
	#7	题名或关键词' M: (痹症)
	#8	题名或关键词' M: (痹证)
	#9	题名或关键词' M: (痹痛)
	#10	题名或关键词' M: (痹病)
	#11	题名或关键词' M: (热痹)
	#12	题名或关键词' M: (风湿热痹)
	#13	题名或关键词' M: (湿热痹)
	#14	题名或关键词' M: (尪痹)
	#15	题名或关键词' M: (历节)
Combination 1	#16	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15
Intervention	#17	题名或关键词' M: (白虎桂枝汤)
	#18	题名或关键词' M: (桂枝白虎汤)
	#19	题名或关键词' M: (白虎加桂枝汤)
	#20	题名或关键词' M: (宣痹汤)
	#21	题名或关键词' M: (四妙丸)
	#22	题名或关键词' M: (四妙散)
	#23	题名或关键词' M: (二妙丸)
	#24	题名或关键词' M: (二妙散)
	#25	题名或关键词' M: (三妙丸)
	#26	题名或关键词' M: (三妙散)
	#27	题名或关键词' M: (大秦苕汤)
	#28	题名或关键词' M: (当归拈痛丸)
	#29	题名或关键词' M: (当归拈痛汤)
	Combination 2	#30
Combination 3	#31	#16 AND #30

Search Strategies in EMBASE (Number of Articles Retrieved: 16)		
Search block	Number	Search terms
Participants	#1	'arthritis, rheumatoid'/exp OR 'arthritis, rheumatoid': ti, ab, kw OR 'rheumatoid arthritis': ti, ab, kw OR 'bi syndrome': ti, ab, kw OR RA: ti, ab, kw OR 'rheumatism arthritis': ti, ab, kw OR 'rheumatic arthritis': ti, ab, kw OR rheumarthritis: ti, ab, kw OR rheumarthritis: ti, ab, kw OR 'rheumatoid disease': ti, ab, kw OR 'arthrosis deformans': ti, ab, kw OR 'arthrosis deformans': ti, ab, kw OR 'arthronosos deformans': ti, ab, kw OR 'arthrorheumatism': ti, ab, kw OR 'articular rheumatism': ti, ab, kw OR 'chronic articular rheumatism': ti, ab, kw OR 'chronic rheumatoid arthritis': ti, ab, kw OR 'chronic rheumatic arthritis': ti, ab, kw OR 'chronic progressive polyarthritis': ti, ab, kw OR 'chronic polyarthritis': ti, ab, kw OR 'chronic infectious arthritis': ti, ab, kw OR 'chronic inflammatory arthritis': ti, ab, kw OR 'chronic rheumatism': ti, ab, kw OR 'atrophic arthritis': ti, ab, kw OR 'infectious nonspecific polyarthritis': ti, ab, kw OR 'proliferative arthritis': ti, ab, kw OR 'primary chronic polyarthritis': ti, ab, kw OR 'rheumatic polyarthritis': ti, ab, kw OR 'beauvais disease': ti, ab, kw OR 'polyarthritis chronique évolutive': ti, ab, kw
Intervention	#2	'baihuguizhi'/exp OR 'baihuguizhi': ti, ab, kw OR 'xuanbi'/exp OR 'xuanbi': ti, ab, kw OR 'simiao'/exp OR 'simiao': ti, ab, kw OR 'daqinjiao'/exp OR 'daqinjiao': ti, ab, kw OR 'ermiao'/exp OR 'ermiao': ti, ab, kw OR 'danguiniantong'/exp OR 'danguiniantong': ti, ab, kw OR 'sanmiao'/exp OR 'sanmiao': ti, ab, kw
Combination 1	#3	#1 AND #2

Search Strategies in Cochrane Library (Number of Articles Retrieved: 7)		
Search block	Number	Search terms
Participants	#1	MeSH descriptor: [arthritis, rheumatoid] explode all trees
	#2	(arthritis, rheumatoid): ti, ab, kw
	#3	(bi syndrome): ti, ab, kw
	#4	(RA): ti, ab, kw
	#5	(rheumatism arthritis): ti, ab, kw
	#6	(rheumatic arthritis): ti, ab, kw
	#7	(rheumarthritis): ti, ab, kw
	#8	(rheumarthritis): ti, ab, kw
	#9	(rheumatoid disease): ti, ab, kw
	#10	(arthritis deformans): ti, ab, kw
	#11	(arthrosis deformans): ti, ab, kw
	#12	(arthronosos deformans): ti, ab, kw
	#13	(arthrorheumatism): ti, ab, kw
	#14	(articular rheumatism): ti, ab, kw
	#15	(chronic articular rheumatism): ti, ab, kw
	#16	(chronic rheumatoid arthritis): ti, ab, kw
	#17	(chronic rheumatic arthritis): ti, ab, kw
	#18	(chronic progressive polyarthritis): ti, ab, kw
	#19	(chronic polyarthritis): ti, ab, kw
	#20	(chronic infectious arthritis): ti, ab, kw
	#21	(rheumatoid arthritis): ti, ab, kw
	#22	(chronic infectious arthritis): ti, ab, kw
	#23	(chronic inflammatory arthritis): ti, ab, kw
	#24	(chronic inflammatory arthritis): ti, ab, kw
	#25	(chronic rheumatism): ti, ab, kw
	#26	(infectious nonspecific polyarthritis): ti, ab, kw
	#27	(proliferative arthritis): ti, ab, kw
	#28	(primary chronic polyarthritis): ti, ab, kw
	#29	(primary chronic polyarthritis): ti, ab, kw
	#30	(rheumatic polyarthritis): ti, ab, kw
	#31	(polyarthritis chronique évolutive): ti, ab, kw
Combination 1	#32	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31
Intervention	#33	MeSH descriptor: [baihuguizhi] explode all trees
	#34	(baihuguizhi): ti, ab, kw
	#35	MeSH descriptor: [xuanbi] explode all trees
	#36	(xuanbi): ti, ab, kw
	#37	MeSH descriptor: [simiao] explode all trees
	#38	(simiao): ti, ab, kw
	#39	MeSH descriptor: [daqinjiao] explode all trees
	#40	(daqinjiao): ti, ab, kw
	#41	MeSH descriptor: [ermiao] explode all trees
	#42	(ermiao): ti, ab, kw
	#43	MeSH descriptor: [danguiniantong] explode all trees
	#44	(danguiniantong): ti, ab, kw
	#45	MeSH descriptor: [sanmiao] explode all trees
	#46	(sanmiao): ti, ab, kw
Combination 2	#47	#33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46
Combination 3	#48	#32 AND #47

Search Strategies in Wanfang (Number of Articles Retrieved: 1056)		
Search block	Number	Search terms
Participants	#1	主题检索: " 类风湿"
	#2	主题检索: " 类风关"
	#3	主题检索: " 类风湿性关节炎"
	#4	主题检索: " 类风湿性关节炎"
	#5	主题检索: " 类风湿病"
	#6	主题检索: " RA"
	#7	主题检索: " 痹症"
	#8	主题检索: " 痹证"
	#9	主题检索: " 痹痛"
	#10	主题检索: " 痹病"
	#11	主题检索: " 热痹"
	#12	主题检索: " 风湿热痹"
	#13	主题检索: " 湿热痹"
	#14	主题检索: " 尪痹"
	#15	主题检索: " 历节"
Combination 1	#16	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15
Intervention	#17	主题检索: " 白虎桂枝汤"
	#18	主题检索: " 桂枝白虎汤"
	#19	主题检索: " 白虎加桂枝汤"
	#20	主题检索: " 宣痹汤"
	#21	主题检索: " 四妙丸"
	#22	主题检索: " 四妙散"
	#23	主题检索: " 二妙丸"
	#24	主题检索: " 二妙散"
	#25	主题检索: " 三妙丸"
	#26	主题检索: " 三妙散"
	#27	主题检索: " 大秦苕汤"
	#28	主题检索: " 当归拈痛丸"
	#29	主题检索: " 当归拈痛汤"
	Combination 2	#30
Combination 3	#31	#16 AND #30

Search Strategies in CBM (Number of Articles Retrieved: 399)		
Search block	Number	Search terms
Participants	#1	" 类风湿 "[常用字段: 智能] OR " 类风关 "[常用字段: 智能] OR " 类风湿性关节炎 "[常用字段: 智能] OR " 类风湿性关节炎 "[常用字段: 智能] OR " RA "[常用字段: 智能] OR " 痹症 "[常用字段: 智能] OR " 痹证 "[常用字段: 智能] OR " 痹痛 "[常用字段: 智能] OR " 痹病 "[常用字段: 智能] OR " 热痹 "[常用字段: 智能] OR " 风湿热痹 "[常用字段: 智能] OR " 湿热痹 "[常用字段: 智能] OR " 尪痹 "[常用字段: 智能] OR " 历节 "[常用字段: 智能]
Intervention	#2	" 白虎桂枝汤 "[常用字段: 智能] OR " 桂枝白虎汤 "[常用字段: 智能] OR " 白虎加桂枝汤 "[常用字段: 智能] OR " 宣痹汤 "[常用字段: 智能] OR " 四妙丸 "[常用字段: 智能] OR " 四妙散 "[常用字段: 智能] OR " 二妙丸 "[常用字段: 智能] OR " 二妙散 "[常用字段: 智能] OR " 三妙丸 "[常用字段: 智能] OR " 三妙散 "[常用字段: 智能] OR " 大秦苕汤 "[常用字段: 智能] OR " 当归拈痛丸 "[常用字段: 智能] OR " 当归拈痛汤 "[常用字段: 智能]
Combination 1	#3	#1 AND #2

Table S5 Trim and fill analysis of CRP.

Note: default data input format (theta, se_theta) assumed.

Meta-analysis

	Pooled	95% CI		Asymptotic	No. of	
Method	Est	Lower	Upper	z_value	p_value	studies
Fixed	-1.294	-1.470	-1.118	-14.413	0.000	10
Random	-1.644	-2.311	-0.976	-4.826	0.000	

Test for heterogeneity: Q= 123.776 on 9 degrees of freedom (p= 0.000)

Moment-based estimate of between studies variance = 1.056

Trimming estimator: Linear

Meta-analysis type: Random-effects model

iteration	estimate	Tn	# to trim	diff
1	-1.644	32	1	55
2	-1.787	33	1	2
3	-1.787	33	1	0

Filled

Meta-analysis (exponential form)

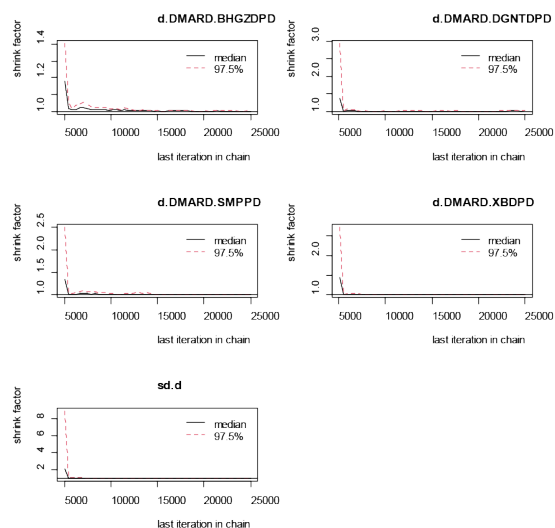
	Pooled	95% CI		Asymptotic	No. of	
Method	Est	Lower	Upper	z_value	p_value	studies
Fixed	0.225	0.190	0.266	-17.577	0.000	11
Random	0.166	0.083	0.335	-5.033	0.000	

Test for heterogeneity: Q= 169.821 on 10 degrees of freedom (p= 0.000)

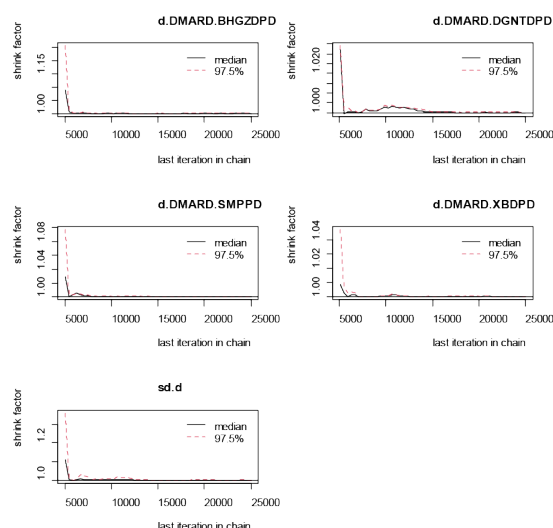
Moment-based estimate of between studies variance = 1.295

CRP, C-reactive protein; CI, confidence interval.

ER



CRP



ESR

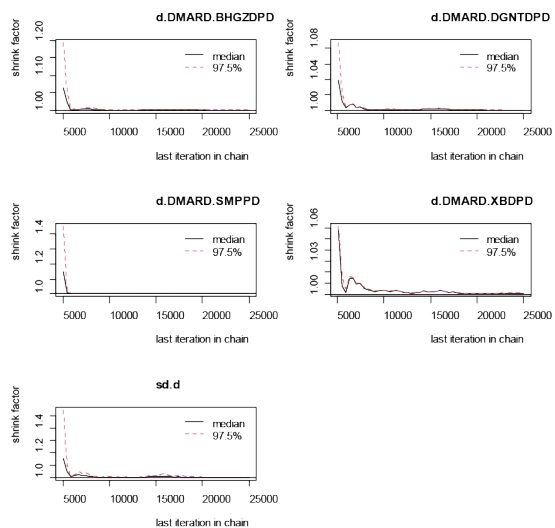


Figure S2 Brooks–Gelman–Rubin Diagnosis. (ER, effective rate; CRP, C-reactive protein; ESR, erythrocyte sedimentation rate; csDMARD, conventional synthetic disease-modifying anti-rheumatic drug; BHGZDPD, BHGZD + csDMARD [Baihuguizhi decoction + conventional synthetic disease-modifying anti-rheumatic drug]; DGNTDPD, DGNTD + csDMARD [Danguiniantong decoction + conventional synthetic disease-modifying anti-rheumatic drug]; SMPPD, SMP + csDMARD [Simiao pill + conventional synthetic disease-modifying anti-rheumatic drug]; XBDPD, XBD + csDMARD [Xuanbi decoction + conventional synthetic disease-modifying anti-rheumatic drug])

Table S6

Number	Targets	Times
1	ESR1	13
2	RELA	13
3	EGFR	12
4	FOS	11
5	CCND1	10
6	MAPK8	10
7	NR3C1	10
8	AR	8
9	IL6	8
10	CASP8	7
11	ERBB2	7
12	GSK3B	7
13	MYC	7
14	PRKCA	7
15	RB1	6
16	VEGFA	6
17	BCL2	5
18	CASP3	5
19	IKBKB	5
20	NOS3	5
21	PGR	5
22	CYP1A1	4
23	HIF1A	4
24	ICAM1	4
25	IRF1	4
26	NFKBIA	4
27	PPARG	4
28	CASP9	3
29	CAV1	3
30	ERBB3	3
31	ESR2	3
32	IGF2	3
33	IGFBP3	3
34	NFE2L2	3
35	NR3C2	3
36	RAF1	3
37	RXRB	3
38	TP63	3
39	VCAM1	3
40	CCNB1	2
41	CHRM2	2
42	NQO1	2
43	PARP1	2
44	SELE	2
45	AHR	1
46	ALOX5	1
47	BIRC5	1
48	COL3A1	1
49	CRP	1
50	CTSD	1
51	CYP3A4	1
52	GSTM1	1
53	GSTP1	1
54	HSF1	1
55	HSPB1	1
56	PLAU	1
57	PTGER3	1
58	PTGS1	1
59	RUNX2	1

Table S7 Common adverse reactions of 4 CHF included in 9 systematic reviews.

Group	Disease	Study	Adverse reactions (n)		Frequency of occurrence (Treatment group/ Control group)	
DGNTD vs. Western medicine	Rheumatoid arthritis	Hu <i>et al</i> , 2021	Digestive system	Gastrointestinal reaction (3), Abnormal liver function (1)	8/280	37/274
			Blood system	-		
			Respiratory system	Dyspnea (2), Cough (1)		
			Nervous system	-		
			Urinary system	Abnormal renal function (1)		
			Cardiovascular system	-		
			Reproductive system	-		
			Skin damage	-		
			Damage of facial features	-		
SMP used alone vs. Western medicine	Gout	Zhou <i>et al</i> , 2016	Digestive system	Gastrointestinal reaction (5)	5 /123	20 /121
			Blood system	-		
			Respiratory system	-		
			Nervous system	-		
			Urinary system	-		
			Cardiovascular system	-		
			Reproductive system	-		
			Skin damage	-		
			Damage of facial features	-		
SMP used alone vs. Colchicine	Gout	Li <i>et al</i> , 2019	Digestive system	Gastrointestinal reaction (11)	14/239	62/234
			Blood system	Myelosuppression (1)		
			Respiratory system	-		
			Nervous system	Peripheral muscular neuropathy (1)		
			Urinary system	-		
			Cardiovascular system	-		
			Reproductive system	-		
			Skin damage	Drug eruption (1)		
			Damage of facial features	-		
SMP used alone vs. Colchicine	Acute gouty arthritis	Du <i>et al</i> , 2015	Digestive system	Gastrointestinal reaction (1)	4/95	22/93
			Blood system	-		
			Respiratory system	-		
			Nervous system	-		
			Urinary system	-		
			Cardiovascular system	-		
			Reproductive system	-		
			Skin damage	-		
			Damage of facial features	-		
SMP vs. Western medicine	Gouty arthritis	Du <i>et al</i> , 2015	other	Not specified (3)	10/296	87/301
			Digestive system	Gastrointestinal reaction (7)		
			Blood system	-		
			Respiratory system	-		
			Nervous system	-		
			Urinary system	-		
			Cardiovascular system	-		
			Reproductive system	-		
			Skin damage	-		
Damage of facial features	-					
SMP + External application of TCM vs. Western medicine	Gouty arthritis	Yi, 2017	other	Not specified (3)	7/407	138/394
			Digestive system	Gastrointestinal reaction (7)		
			Blood system	-		
			Respiratory system	-		
			Nervous system	-		
			Urinary system	-		
			Cardiovascular system	-		
			Reproductive system	-		
			Skin damage	-		
Damage of facial features	-					
XBD used alone or combined with Western medicine vs. Western medicine	Gouty arthritis	Ping, 2015	Digestive system	Gastrointestinal reaction (2)	2/102	10/102
			Blood system	-		
			Respiratory system	-		
			Nervous system	-		
			Urinary system	-		
			Cardiovascular system	-		
			Reproductive system	-		
			Skin damage	-		
			Damage of facial features	-		
BHGZD used alone or combined with Western medicine vs. Western medicine	Rheumatoid arthritis	LAM, 2017	Digestive system	Gastrointestinal reaction (3), Abnormal liver function (7), Loss of appetite (2)	12/87	22/85
			Blood system	-		
			Respiratory system	-		
			Nervous system	Dizzy (1)		
			Urinary system	-		
			Cardiovascular system	-		
			Reproductive system	-		
			Skin damage	-		
			Damage of facial features	-		
SMP combined with Western medicine vs. Western medicine	Rheumatoid arthritis	Wang, 2020	Digestive system	Gastrointestinal reaction (10), Abnormal liver function (1)	13/451	333/451
			Blood system	-		
			Respiratory system	-		
			Nervous system	-		
			Urinary system	-		
			Cardiovascular system	-		
			Reproductive system	-		
			Skin damage	Erythema (2)		
			Damage of facial features	-		

DGNTD: Dangguinantong decoction; SMP: Si miao pill; BHGZD: Baihuguizhi decoction; XBD: Xuanbi decoction; n: Number