

**Table S1** The search strategy for the PubMed database

Number	Search term
#1	Irritable Bowel Syndrome [MeSH]
#2	Colonic Diseases, Functional [MeSH]
#3	irritable bowel syndrome [Title/Abstract]
#4	functional colonic diseases [Title/Abstract]
#5	diarrhea-predominant irritable bowel syndrome [Title/Abstract]
#6	IBS-D [Title/Abstract]
#7	irritable bowel [Title/Abstract]
#8	irritable colon [Title/Abstract]
#9	functional diarrhea [Title/Abstract]
#10	diarrhea [Title/Abstract]
#11	functional gastrointestinal disorder [Title/Abstract]
#12	functional gastrointestinal disorders [Title/Abstract]
#13	FGID [Title/Abstract]
#14	disorder of gut-brain interaction [Title/Abstract]
#15	disorders of gut-brain interaction [Title/Abstract]
#16	DGBI [Title/Abstract]
#17	#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
#18	Administration, Cutaneous [MeSH]
#19	Transdermal Patch [MeSH]
#20	cutaneous administration [Title/Abstract]
#21	transdermal patch [Title/Abstract]
#22	acupoint application [Title/Abstract]
#23	acupoints application [Title/Abstract]
#24	acupoint sticking [Title/Abstract]
#25	acupoints sticking [Title/Abstract]
#26	acupuncture point paste [Title/Abstract]
#27	herb patching [Title/Abstract]
#28	herbal patching [Title/Abstract]
#29	herb plaster [Title/Abstract]
#30	herbal plaster [Title/Abstract]
#31	belly button patch [Title/Abstract]
#32	belly button patching [Title/Abstract]
#33	Chinese medicine application [Title/Abstract]
#34	traditional Chinese medicine patch [Title/Abstract]
#35	external application [Title/Abstract]
#36	#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 OR #32 OR #33 OR #34 OR #35
#37	#17 AND #36

IBS-D, diarrhea-predominant irritable bowel syndrome; FGID, functional gastrointestinal disorders; DGBI, disorders of gut-brain interaction.

**Table S2** The search strategy for the Ovid Medline database

Number	Search term
#1	irritable bowel syndrome.af.
#2	IBS.af.
#3	diarrhea-predominant irritable bowel syndrome.af.
#4	IBS-D.af.
#5	functional colonic diseases.af.
#6	irritable bowel.af.
#7	irritable colon.af.
#8	functional diarrhea.af.
#9	diarrhea.af.
#10	functional gastrointestinal disorder.af.
#11	functional gastrointestinal disorders.af.
#12	FGID.af.
#13	disorder of gut-brain interaction.af.
#14	disorders of gut-brain interaction.af.
#15	DGBl.af.
#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
#17	cutaneous administration.af.
#18	transdermal patch.af.
#19	acupoint application.af.
#20	acupoints application.af.
#21	acupoint sticking.af.
#22	acupoints sticking.af.
#23	acupuncture point paste.af.
#24	herb patching.af.
#25	herbal patching.af.
#26	herb plaster.af.
#27	herbal plaster.af.
#28	belly button patch.af.
#29	belly button patching.af.
#30	Chinese medicine application.af.
#31	traditional Chinese medicine patch.af.
#32	external application.af.
#33	#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 OR #32
#34	#16 AND #33

IBS, irritable bowel syndrome; IBS-D, diarrhea-predominant irritable bowel syndrome; FGID, functional gastrointestinal disorders; DGBl, disorders of gut-brain interaction.

**Table S3** The search strategy for the Scopus database

Number	Search term
#1	TITLE-ABS-KEY(irritable bowel syndrome)
#2	TITLE-ABS-KEY(IBS)
#3	TITLE-ABS-KEY (diarrhea-predominant irritable bowel syndrome)
#4	TITLE-ABS-KEY (IBS-D)
#5	TITLE-ABS-KEY (functional colonic diseases)
#6	TITLE-ABS-KEY (irritable bowel)
#7	TITLE-ABS-KEY (irritable colon)
#8	TITLE-ABS-KEY (functional diarrhea)
#9	TITLE-ABS-KEY (diarrhea)
#10	TITLE-ABS-KEY (functional gastrointestinal disorder)
#11	TITLE-ABS-KEY (functional gastrointestinal disorders)
#12	TITLE-ABS-KEY (FGID)
#13	TITLE-ABS-KEY (disorder of gut-brain interaction)
#14	TITLE-ABS-KEY (disorders of gut-brain interaction)
#15	TITLE-ABS-KEY DGBI (Topic)
#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
#17	TITLE-ABS-KEY (cutaneous administration)
#18	TITLE-ABS-KEY (transdermal patch)
#19	TITLE-ABS-KEY (acupoint application)
#20	TITLE-ABS-KEY (acupoints application)
#21	TITLE-ABS-KEY (acupoint sticking)
#22	TITLE-ABS-KEY (acupoints sticking)
#23	TITLE-ABS-KEY (acupuncture point paste)
#24	TITLE-ABS-KEY (herb patching)
#25	TITLE-ABS-KEY (herbal patching)
#26	TITLE-ABS-KEY (herb plaster)
#27	TITLE-ABS-KEY (herbal plaster)
#28	TITLE-ABS-KEY (belly button patch)
#29	TITLE-ABS-KEY (belly button patching)
#30	TITLE-ABS-KEY (Chinese medicine application)
#31	TITLE-ABS-KEY (traditional Chinese medicine patch)
#32	TITLE-ABS-KEY (external application)
#33	#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 OR #32
#34	#16 AND #33

IBS, irritable bowel syndrome; IBS-D, diarrhea-predominant irritable bowel syndrome; FGID, functional gastrointestinal disorders; DGBI, disorders of gut-brain interaction.

**Table S4** The search strategy for the Web of Science database

Number	Search term
#1	irritable bowel syndrome (Topic)
#2	IBS (Topic)
#3	diarrhea-predominant irritable bowel syndrome (Topic)
#4	IBS-D (Topic)
#5	functional colonic diseases (Topic)
#6	irritable bowel (Topic)
#7	irritable colon (Topic)
#8	functional diarrhea (Topic)
#9	diarrhea (Topic)
#10	functional gastrointestinal disorder (Topic)
#11	functional gastrointestinal disorders (Topic)
#12	FGID (Topic)
#13	disorder of gut-brain interaction (Topic)
#14	disorders of gut-brain interaction (Topic)
#15	DGBI (Topic)
#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
#17	cutaneous administration (Topic)
#18	transdermal patch (Topic)
#19	acupoint application (Topic)
#20	acupoints application (Topic)
#21	acupoint sticking (Topic)
#22	acupoints sticking (Topic)
#23	acupuncture point paste (Topic)
#24	herb patching (Topic)
#25	herbal patching (Topic)
#26	herb plaster (Topic)
#27	herbal plaster (Topic)
#28	belly button patch (Topic)
#29	belly button patching (Topic)
#30	Chinese medicine application (Topic)
#31	traditional Chinese medicine patch (Topic)
#32	external application (Topic)
#33	#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 OR #32
#34	#16 AND #33

IBS, irritable bowel syndrome; IBS-D, diarrhea-predominant irritable bowel syndrome; FGID, functional gastrointestinal disorders; DGBI, disorders of gut-brain interaction.

**Table S5** The search strategy for the Cochrane Library database

Number	Search term
#1	MeSH descriptor: [Irritable Bowel Syndrome] explode all trees
#2	MeSH descriptor: [Colonic Diseases, Functional] explode all trees
#3	(irritable bowel syndrome):ti,ab,kw
#4	(functional colonic diseases):ti,ab,kw
#5	(diarrhea-predominant irritable bowel syndrome):ti,ab,kw
#6	(IBS-D):ti,ab,kw
#7	(irritable bowel):ti,ab,kw
#8	(irritable colon):ti,ab,kw
#9	(functional diarrhea):ti,ab,kw
#10	(diarrhea):ti,ab,kw
#11	(functional gastrointestinal disorder):ti,ab,kw
#12	(functional gastrointestinal disorders):ti,ab,kw
#13	(FGID):ti,ab,kw
#14	(disorder of gut-brain interaction):ti,ab,kw
#15	(disorders of gut-brain interaction):ti,ab,kw
#16	(DGBI):ti,ab,kw
#17	#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
#18	MeSH descriptor: [Administration, Cutaneous] explode all trees
#19	MeSH descriptor: [Transdermal Patch] explode all trees
#20	(cutaneous administration):ti,ab,kw
#21	(transdermal patch):ti,ab,kw
#22	(acupoint application):ti,ab,kw
#23	(acupoints application):ti,ab,kw
#24	(acupoint sticking):ti,ab,kw
#25	(acupoints sticking):ti,ab,kw
#26	(acupuncture point):ti,ab,kw
#27	(herb patching):ti,ab,kw
#28	(herbal patching):ti,ab,kw
#29	(herb plaster):ti,ab,kw
#30	(herbal plaster):ti,ab,kw
#31	(belly button patch):ti,ab,kw
#32	(belly button patching):ti,ab,kw
#33	(Chinese medicine application):ti,ab,kw
#34	(traditional Chinese medicine patch):ti,ab,kw
#35	(external application):ti,ab,kw
#36	#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 OR #32 OR #33 OR #34 OR #35
#37	#17 AND #36

IBS-D, diarrhea-predominant irritable bowel syndrome; FGID, functional gastrointestinal disorders; DGBI, disorders of gut-brain interaction.

**Table S6** The search strategy for the EMBASE database

Number	Search term
#1	irritable bowel syndrome:ab,kw,ti
#2	IBS:ab,kw,ti
#3	diarrhea-predominant irritable bowel syndrome:ab,kw,ti
#4	IBS-D:ab,kw,ti
#5	functional colonic diseases:ab,kw,ti
#6	irritable bowel:ab,kw,ti
#7	irritable colon:ab,kw,ti
#8	functional diarrhea:ab,kw,ti
#9	diarrhea:ab,kw,ti
#10	functional gastrointestinal disorder:ab,kw,ti
#11	functional gastrointestinal disorders:ab,kw,ti
#12	FGID:ab,kw,ti
#13	disorder of gut-brain interaction:ab,kw,ti
#14	disorders of gut-brain interaction:ab,kw,ti
#15	DGBI:ab,kw,ti
#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
#17	cutaneous administration:ab,kw,ti
#18	transdermal patch:ab,kw,ti
#19	acupoint application:ab,kw,ti
#20	acupoints application:ab,kw,ti
#21	acupoint sticking:ab,kw,ti
#22	acupoints sticking:ab,kw,ti
#23	acupuncture point paste:ab,kw,ti
#24	herb patching:ab,kw,ti
#25	herbal patching:ab,kw,ti
#26	herb plaster:ab,kw,ti
#27	herbal plaster:ab,kw,ti
#28	belly button patch:ab,kw,ti
#29	belly button patching:ab,kw,ti
#30	Chinese medicine application:ab,kw,ti
#31	traditional Chinese medicine patch:ab,kw,ti
#32	external application:ab,kw,ti
#33	#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 OR #32
#34	#16 AND #33

IBS, irritable bowel syndrome; IBS-D, diarrhea-predominant irritable bowel syndrome; FGID, functional gastrointestinal disorders; DGBI, disorders of gut-brain interaction.

**Table S7** The search strategy for the CNKI database

编号	检索词
#1	主题检索'SU: "穴位敷贴"
#2	主题检索'SU: "敷贴"
#3	主题检索'SU: "穴位贴敷"
#4	主题检索'SU: "贴敷"
#5	主题检索'SU: "穴位贴"
#6	主题检索'SU: "经穴给药"
#7	主题检索'SU: "中药敷贴"
#8	主题检索'SU: "中药贴敷"
#9	主题检索'SU: "膏贴"
#10	主题检索'SU: "脐贴"
#11	主题检索'SU: "贴脐"
#12	主题检索'SU: "敷脐"
#13	主题检索'SU: "脐疗"
#14	主题检索'SU: "三伏贴"
#15	主题检索'SU: "伏九贴"
#16	主题检索'SU: "三九贴"
#17	#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
#18	主题检索'SU: "腹泻型肠易激综合征"
#19	主题检索'SU: "腹泻型肠易激综合征"
#20	主题检索'SU: "腹泻型肠易激综合征"
#21	主题检索'SU: "IBS-D"
#22	主题检索'SU: "功能性腹泻"
#23	主题检索'SU: "功能性胃肠功能紊乱"
#24	主题检索'SU: "功能性胃肠疾病"
#25	主题检索'SU: "FGID"
#26	主题检索'SU: "结肠易激"
#27	主题检索'SU: "结肠功能紊乱"
#28	主题检索'SU: "肠脑轴"
#29	主题检索'SU: "肠 - 脑功能紊乱"
#30	主题检索'SU: "肠脑互动障碍"
#31	主题检索'SU: " DGBI "
#32	#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
#33	主题检索'SU: "随机"
#34	主题检索'SU: "对照"
#35	主题检索'SU: "RCT"
#36	#33 OR #34 OR #35
#37	#17 AND #32 AND #36

IBS-D, diarrhea-predominant irritable bowel syndrome; FGID, functional gastrointestinal disorders; DGBI, disorders of gut-brain interaction; RCT, randomized controlled trial.

**Table S8** The search strategy for the CQVIP database

编号	检索词
#1	题名或关键词'M: (穴位敷贴)
#2	题名或关键词'M: (敷贴)
#3	题名或关键词'M: (穴位贴敷)
#4	题名或关键词'M: (贴敷)
#5	题名或关键词'M: (穴位贴)
#6	题名或关键词'M: (经穴给药)
#7	题名或关键词'M: (中药敷贴)
#8	题名或关键词'M: (中药贴敷)
#9	题名或关键词'M: (膏贴)
#10	题名或关键词'M: (脐贴)
#11	题名或关键词'M: (贴脐)
#12	题名或关键词'M: (敷脐)
#13	题名或关键词'M: (脐疗)
#14	题名或关键词'M: (三伏贴)
#15	题名或关键词'M: (伏九贴)
#16	题名或关键词'M: (三九贴)
#17	#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
#18	题名或关键词'M: (腹泻型肠易激综合征)
#19	题名或关键词'M: (腹泻型肠易激综合症)
#20	题名或关键词'M: (腹泻型肠易激综合证)
#21	题名或关键词'M: (IBS-D)
#22	题名或关键词'M: (功能性腹泻)
#23	题名或关键词'M: (功能性胃肠功能紊乱)
#24	题名或关键词'M: (功能性胃肠疾病)
#25	题名或关键词'M: (FGID)
#26	题名或关键词'M: (结肠易激)
#27	题名或关键词'M: (结肠功能紊乱)
#28	题名或关键词'M: (肠脑轴)
#29	题名或关键词'M: (肠脑互动障碍)
#30	题名或关键词'M: (肠 - 脑功能紊乱)
#31	题名或关键词'M: (DGBI)
#32	#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
#33	题名或关键词'M: (随机)
#34	题名或关键词'M: (对照)
#35	题名或关键词'M: (RCT)
#36	#33 OR #34 OR #35
#37	#17 AND #32 AND #36

IBS-D, diarrhea-predominant irritable bowel syndrome; FGID, functional gastrointestinal disorders; DGBI, disorders of gut-brain interaction; RCT, randomized controlled trial.



**Table S9** The search strategy for the WanFang database

编号	检索词
#1	主题检索: "穴位敷贴"
#2	主题检索: "敷贴"
#3	主题检索: "穴位贴敷"
#4	主题检索: "贴敷"
#5	主题检索: "穴位贴"
#6	主题检索: "经穴给药"
#7	主题检索: "中药敷贴"
#8	主题检索: "中药贴敷"
#9	主题检索: "膏贴"
#10	主题检索: "脐贴"
#11	主题检索: "贴脐"
#12	主题检索: "敷脐"
#13	主题检索: "脐疗"
#14	主题检索: "三伏贴"
#15	主题检索: "伏九贴"
#16	主题检索: "三九贴"
#17	#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
#18	主题检索: "腹泻型肠易激综合征"
#19	主题检索: "腹泻型肠易激综合征"
#20	主题检索: "腹泻型肠易激综合征"
#21	主题检索: " IBS-D "
#22	主题检索: "功能性腹泻"
#23	主题检索: "功能性胃肠功能紊乱"
#24	主题检索: "功能性胃肠疾病"
#25	主题检索: " FGID "
#26	主题检索: "结肠易激"
#27	主题检索: "结肠功能紊乱"
#28	主题检索: "肠脑轴"
#29	主题检索: "肠脑互动障碍"
#30	主题检索: "肠 - 脑功能紊乱"
#31	主题检索: " DGBI "
#32	#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
#33	主题检索: "随机"
#34	主题检索: "对照"
#35	主题检索: " RCT "
#36	#33 OR #34 OR #35
#37	#17 AND #32 AND #36

IBS-D, diarrhea-predominant irritable bowel syndrome; FGID, functional gastrointestinal disorders; DGBI, disorders of gut-brain interaction; RCT, randomized controlled trial.

**Table S10** The search strategy for the SinoMed database

编号	检索词
#1	"穴位贴敷法"[不加权:扩展]
#2	"穴位疗法"[不加权:扩展]
#3	"穴位研究"[不加权:扩展]
#4	"投药,皮肤"[不加权:扩展]
#5	"穴位敷贴"[常用字段:智能]
#6	"敷贴"[常用字段:智能]
#7	"穴位贴敷"[常用字段:智能]
#8	"贴敷"[常用字段:智能]
#9	"穴位贴"[常用字段:智能]
#10	"经穴给药"[常用字段:智能]
#11	"中药敷贴"[常用字段:智能]
#12	"中药贴敷"[常用字段:智能]
#13	"膏贴"[常用字段:智能]
#14	"脐贴"[常用字段:智能]
#15	"贴脐"[常用字段:智能]
#16	"敷脐"[常用字段:智能]
#17	"脐疗"[常用字段:智能]
#18	"三伏贴"[常用字段:智能]
#19	"伏九贴"[常用字段:智能]
#20	"三九贴"[常用字段:智能]
#21	#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
#22	"肠易激综合征"[不加权:扩展]
#23	"腹泻"[不加权:扩展]
#24	"胃肠疾病"[不加权:扩展]
#25	"结肠疾病,功能性"[不加权:扩展]
#26	"腹泻型肠易激综合征"[常用字段:智能]
#27	"腹泻型肠易激综合症"[常用字段:智能]
#28	"腹泻型肠易激综合征"[常用字段:智能]
#29	"功能性腹泻"[常用字段:智能]
#30	"功能性胃肠功能紊乱"[常用字段:智能]
#31	"功能性胃肠疾病"[常用字段:智能]
#32	"FGID"[常用字段:智能]
#33	"结肠易激"[常用字段:智能]
#34	"结肠功能紊乱"[常用字段:智能]
#35	"肠脑轴"[常用字段:智能]
#36	"肠脑互动障碍"[常用字段:智能]
#37	"肠-脑功能紊乱"[常用字段:智能]
#38	"DGBI"[常用字段:智能]
#39	#22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38
#40	"随机对照试验"[不加权:扩展]
#41	"临床研究"[不加权:扩展]
#42	"随机"[常用字段:智能]
#43	"对照"[常用字段:智能]
#44	"RCT"[常用字段:智能]
#45	"临床研究"[常用字段:智能]
#46	"疗效观察"[常用字段:智能]
#47	#40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46
#48	#21 AND #39 AND #47

FGID, functional gastrointestinal disorders; DGBI, disorders of gut-brain interaction; RCT, randomized controlled trial.

**Table S11** The search strategy for the CiNii database

数	検索用語
#1	過敏性腸症候群 (ALL)
#2	下痢型過敏性腸症候群 (ALL)
#3	下痢 (ALL)
#4	機能性下痢 (ALL)
#5	機能性胃腸障害 (ALL)
#6	機能性胃腸疾患 (ALL)
#7	過敏性結腸 (ALL)
#8	過敏性腸 (ALL)
#9	腸脳 (ALL)
#10	腸脳軸 (ALL)
#11	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10
#12	東洋医学 (ALL)
#13	伝統的な中国医学 (ALL)
#14	経穴 (ALL)
#15	ツボ (ALL)
#16	ツボ療法 (ALL)
#17	経絡 (ALL)
#18	漢方薬 (ALL)
#19	漢方パッチ (ALL)
#20	ツボの応用 (ALL)
#21	ツボの適用 (ALL)
#22	へそ療法 (ALL)
#23	ハーブパッチ (ALL)
#24	へそパッチ (ALL)
#25	経皮パッチ (ALL)
#26	#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
#27	#11 AND #26