

Appendix 1. The search strategy of literatures

Pubmed

#1 "bladder disorder"[Title/Abstract] OR "bladder dysfunction"[Title/Abstract] OR "bladder retention"[Title/Abstract] OR "voiding difficult"[Title/Abstract] OR "voiding dysfunction"[Title/Abstract] OR "urination dysfunction"[Title/Abstract] OR "urinary complaint"[Title/Abstract] OR "urinary retention"[Title/Abstract]

#2 "Urinary Retention"[Mesh]

#3 #2 OR #1

#4 (("urinary bladder prolapse"[Title/Abstract] OR "anterior vaginal prolapse"[Title/Abstract] OR "posterior vaginal prolapse"[Title/Abstract] OR "pelvic organ prolapse"[Title/Abstract] OR "vaginal vault prolapse"[Title/Abstract] OR "urogenital prolapse"[Title/Abstract] OR "cystocele"[Title/Abstract] OR "rectocele"[Title/Abstract] OR "vaginal prolapse"[Title/Abstract] OR "genital prolapse"[Title/Abstract] OR "uterine prolapse"[Title/Abstract] OR "vaginal"[Title/Abstract]) AND ("surgery"[Title/Abstract] OR "repair"[Title/Abstract])) OR "pelvic floor dysfunction"[Title/Abstract] OR "pelvic floor reconstructive surgery"[Title/Abstract] OR "urogynecologic surgery"[Title/Abstract] OR "sacrocolpopexy"[Title/Abstract] OR "anterior colporrhaphy"[Title/Abstract] OR "posterior colporrhaphy"[Title/Abstract]

#5 "Cystocele"[MeSH Terms] OR "Rectocele"[MeSH Terms] OR "Uterine Prolapse"[MeSH Terms] OR "Pelvic Organ Prolapse"[MeSH Terms]

#6 #4 OR #5

#7 "risk factor"[Title/Abstract] OR "influencing factor"[Title/Abstract] OR "related factor"[Title/Abstract] OR "associated factor"[Title/Abstract] OR "hazard factor"[Title/Abstract] OR "predisposing factor"[Title/Abstract] OR "predict"[Title/Abstract] OR "factor"[Title/Abstract]

#8 "Risk Factors"[MeSH Terms]

#9 #7 OR #8

#10 #3 AND #6 AND #9

Cochrane

#1 MeSH descriptor: [Urinary Retention] explode all trees

#2 (bladder disorder* OR bladder dysfunction* OR bladder retention OR voiding difficult* OR voiding dysfunction* OR urination dysfunction* OR urinary complaint* OR urinary retention):ti,ab,kw

#3 #1 OR #2

#4 MeSH descriptor: [Pelvic Organ Prolapse] explode all trees OR MeSH descriptor: [Uterine Prolapse] explode all trees OR MeSH descriptor: [Cystocele] explode all trees OR MeSH descriptor: [Rectocele] explode all trees

#5 (urinary bladder prolapse* OR anterior vaginal prolapse* OR posterior vaginal prolapse* OR pelvic organ prolapse* OR vaginal vault prolapse* OR urogenital prolapse* OR cystocele* OR rectocele* OR vaginal prolapse OR genital prolapse OR uterine prolapse OR vaginal) AND (surgery OR repair)) OR pelvic floor dysfunction

OR pelvic floor reconstructive surgery OR urogynecologic surgery OR sacrocolpopexy OR anterior colporrhaphy OR posterior colporrhaphy:ti,ab,kw

#6 #4 OR #5

#7 MeSH descriptor: [Risk Factors] explode all trees

#8 (risk factor* OR influencing factor* OR related factor* OR associated factor* OR hazard factor* OR predisposing factor* OR predict* OR factor*):ti,ab,kw

#9 #7 OR #8

#10 #3 AND #6 AND #9

Embase

#1 'surgery'/exp OR surgery OR repair:ti,ab,kw

#2 (((((((urinary AND ('bladder'/exp OR bladder) AND prolapse* OR anterior) AND vaginal AND prolapse* OR posterior) AND vaginal AND prolapse* OR 'pelvic'/exp OR pelvic) AND ('organ'/exp OR organ) AND prolapse* OR vaginal) AND vault AND prolapse* OR urogenital) AND prolapse* OR cystocele* OR rectocele* OR vaginal) AND ('prolapse'/exp OR prolapse) OR genital) AND ('prolapse'/exp OR prolapse) OR 'uterine'/exp OR uterine) AND ('prolapse'/exp OR prolapse) OR vaginal:ti,ab,kw

#3 #1 AND #2

#4 (((('pelvic'/exp OR pelvic) AND floor AND dysfunction OR 'pelvic'/exp OR pelvic) AND floor AND reconstructive AND ('surgery'/exp OR surgery) OR urogynecologic) AND ('surgery'/exp OR surgery) OR 'sacrocolpopexy'/exp OR sacrocolpopexy OR anterior) AND ('colporrhaphy'/exp OR colporrhaphy) OR posterior) AND ('colporrhaphy'/exp OR colporrhaphy)

#5 #3 OR #4

#6 ((((((risk'/exp OR risk) AND factor* OR influencing) AND factor* OR related) AND factor* OR associated) AND factor* OR 'hazard'/exp OR hazard) AND factor* OR predisposing) AND factor* OR predict* OR factor*

#7 (((((((('bladder'/exp OR bladder) AND disorder* OR 'bladder'/exp OR bladder) AND dysfunction* OR 'bladder'/exp OR bladder) AND ('retention'/exp OR retention) OR 'voiding'/exp OR voiding) AND difficult* OR 'voiding'/exp OR voiding) AND dysfunction* OR 'urination'/exp OR urination) AND dysfunction* OR urinary) AND complaint* OR urinary) AND retention:ti,ab,kw

#8 #5 AND #6 AND #7

Web of science

#1 (TS=(surgery OR repair) AND TS=(urinary bladder prolapse* OR anterior vaginal prolapse* OR posterior vaginal prolapse* OR pelvic organ prolapse* OR vaginal vault prolapse* OR urogenital prolapse* OR cystocele* OR rectocele* OR vaginal prolapse OR genital prolapse OR uterine prolapse OR vaginal)

#2 TS=(pelvic floor dysfunction OR pelvic floor reconstructive surgery OR urogynecologic surgery OR sacrocolpopexy OR anterior colporrhaphy OR posterior colporrhaphy)

#3 #1 OR #2

#4 TS=(risk factor* OR influencing factor* OR related factor* OR associated factor* OR hazard factor* OR predisposing factor* OR predict* OR factor*)

#5 TS=(bladder disorder* OR bladder dysfunction* OR bladder retention OR voiding difficult* OR voiding dysfunction* OR urination dysfunction* OR urinary complaint* OR urinary retention)

#6 #3 AND #4 AND #5

VIP

#1 题名或关键词:(盆底重建术 OR 盆底手术 OR 阴式手术 OR 妇科泌尿手术 OR 盆腔器官脱垂 OR 盆底功能障碍 OR 盆腔器官膨出 OR 膀胱脱垂 OR 直肠脱垂 OR 阴道前壁脱垂 OR 子宫脱垂 OR 阴道后壁脱垂 OR 阴道前壁修补术 OR 阴道后壁修补术 OR 生殖器官脱垂手术 OR 生殖器官脱垂修补术 OR 子宫脱垂手术 OR 子宫脱垂修补术 OR 骶骨固定术 OR 阴道脱垂修补术 OR 阴道脱垂手术)

#2 题名或关键词:(尿潴留 OR 排尿功能障碍 OR 排尿障碍 OR 排尿困难 OR 膀胱潴留 OR 膀胱功能障碍 OR 膀胱排空障碍)

#3 题名或关键词:(危险因素 OR 影响因素 OR 相关因素 OR 高危因素 OR 风险因素 OR 预测因素)

#4 #1 AND #2 AND #3

CNKI

#1 危险因素 + 影响因素 + 相关因素 + 高危因素 + 风险因素 + 预测因素

#2 尿潴留 + 排尿功能障碍 + 排尿障碍 + 排尿困难 + 膀胱潴留 + 膀胱功能障碍 + 膀胱排空障碍

#3 盆底重建术 + 盆底手术 + 阴式手术 + 妇科泌尿手术 + 盆腔器官脱垂 + 盆腔器官脱垂 + 盆底功能障碍 + 盆腔器官膨出 + 盆腔器官膨出 + 膀胱脱垂 + 膀胱膨出 + 直肠脱垂 + 直肠膨出 + 阴道前壁脱垂 + 子宫脱垂 + 阴道后壁脱垂 + 阴道前壁修补术 + 阴道后壁修补术 + 生殖器官脱垂手术 + 生殖器官脱垂修补术 + 子宫脱垂手术 + 子宫脱垂修补术 + 骶骨固定术 + 阴道脱垂修补术 + 阴道脱垂手术

#4 #1 AND #2 AND #3

Wanfang

((主题=(盆底重建术 OR 盆底手术 OR 阴式手术 OR 妇科泌尿手术 OR 盆腔器官脱垂 OR 盆腔器官脱垂 OR 盆底功能障碍 OR 盆腔器官膨出 OR 盆腔器官膨出 OR 膀胱膨出 OR 膀胱脱垂 OR 直肠脱垂 OR 直肠膨出 OR 阴道前壁脱垂 OR 子宫脱垂 OR 阴道后壁脱垂 OR 阴道前壁修补术 OR 阴道后壁修补术 OR 生殖器官脱垂手术 OR 生殖器官脱垂修补术 OR 子宫脱垂手术 OR 子宫脱垂修补术 OR 骶骨固定术 OR 阴道脱垂修补术 OR 阴道脱垂手术)) AND 主题=(尿潴留 OR 排尿功能障碍 OR 排尿障碍 OR 排尿困难 OR 膀胱潴留 OR 膀胱功能障碍 OR 膀胱排空障碍)) AND 主题=(危险因素 OR 影响因素 OR 相关因素 OR 高危因素 OR 风险因素 OR 预测因素)

CBM

#1 (((("盆腔器官脱垂"[不加权:扩展]) OR "膀胱膨出"[不加权:扩展]) OR "直肠脱垂"[不加权:扩展]) OR "子宫脱垂"[不加权:扩展])

#2 "盆底重建术"[常用字段:智能] OR "盆底手术"[常用字段:智能] OR "阴式手术"[常用字段:智能] OR "妇科泌尿手术"[常用字段:智能] OR "盆腔器官脱垂"[常用字段:智能] OR "盆底器官脱垂"[常用字段:智能] OR "盆底功能障碍"[常用字段:智能] OR "盆腔器官膨出"[常用字段:智能] OR "盆底器官膨出"[常用字段:智能] OR "膀胱膨出"[常用字段:智能] OR "膀胱脱垂"[常用字段:智能] OR "直肠脱垂"[常用字段:智能] OR "直肠膨出"[常用字段:智能] OR "阴道前壁脱垂"[常用字段:智能] OR "子宫脱垂"[常用字段:智能] OR "阴道后壁脱垂"[常用字段:智能] OR "阴道前壁修补术"[常用字段:智能] OR "阴道后壁修补术"[常用字段:智能] OR "生殖器官脱垂手术"[常用字段:智能] OR "生殖器官脱垂修补术"[常用字段:智能] OR "子宫脱垂手术"[常用字段:智能] OR "子宫脱垂修补术"[常用字段:智能] OR "骶骨固定术"[常用字段:智能] OR "阴道脱垂修补术"[常用字段:智能] OR "阴道脱垂手术"[常用字段:智能]

#3 #1 OR #2

#4 "尿潴留"[常用字段:智能] OR "排尿功能障碍"[常用字段:智能] OR "排尿障碍"[常用字段:智能] OR "排尿困难"[常用字段:智能] OR "膀胱潴留"[常用字段:智能] OR "膀胱功能障碍"[常用字段:智能] OR "膀胱排空障碍"[常用字段:智能]

#5 "尿潴留"[不加权:扩展]

#6 #5 OR #4

#7 "危险因素"[常用字段:智能] OR "影响因素"[常用字段:智能] OR "相关因素"[常用字段:智能] OR "高危因素"[常用字段:智能] OR "风险因素"[常用字段:智能] OR "预测因素"[常用字段:智能]

#8 "危险因素"[不加权:扩展]

#9 #7 OR #8

#10 #3 AND #6 AND #9