

明确的研究假设

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▶ 临床研究顶层设计要点

- 明确的研究假设
- 清晰的研究设计
- 结果及临床意义
- 证据力度的思辨

必须正视SCI和中文核心 之间的巨大鸿沟



► 中文：A、B、C、D是某病的危险因素

题目：新生儿低血糖的产科相关因素分析

方法 选择2014年9月1日至2015年12月31日于.....产科出生并于产后30 min内检测血糖水平并且确诊为新生儿低血糖患儿92例为研究对象纳入病例组.....

结果 2组新生儿胎龄、产后30 min血糖水平及早产儿、LBWI发生率等比较,差异均有统计学意义.....多因素非条件logistic回归分析显示,母亲孕前超重或肥胖、妊娠合并糖尿病、剖宫产分娩、早产儿,均为新生儿低血糖的产科危险因素.....

结论 孕前控制体重,孕期规范管理糖尿病及高血压等疾病,减少产科并发症,降低剖宫产率,缩短术前禁食时间,术前积极补液,对降低及预防新生儿低血糖具有积极作用.

► SCI: X和Y的关系研究

JAMA | Original Investigation

Association Between Wait Time and 30-Day Mortality in Adults Undergoing Hip Fracture Surgery

X

术前等待时间



Y

30天死亡率

研究人群：成人髌部骨折

Pincus, D., et al. *JAMA*, 2017. SCI IF=51

► 明确的研究假设

中文

A、B、C、D都是某疾病的危险因素

英文

几乎所有的10分以上临床型SCI
均有明确的研究目的：

A是某疾病的危险因素

B是某疾病的危险因素

C是某疾病的危险因素

D是某疾病的危险因素

实例

上海市胎儿期重金属暴露对新生儿神经行为发育的影响

2011年全国环境卫生学术年会

摘要:目的 探讨上海市胎儿期重金属暴露的影响因素及其对新生儿神经行为发育的影响。方法 通过分层整群抽样方法调查2008年10月—2009年10月期间分娩的孕产妇共1652名。测脐带全血铅、汞、铊及脐血清锰、铜、砷、镉,同时测试新生儿神经行为发育。结果 1.脐带全血中铅、汞、铊平均含量分别为41.00 $\mu\text{g/L}$ 、1.88 $\mu\text{g/L}$ 、0.04 $\mu\text{g/L}$;脐血清锰、铜、砷、镉平均含量分别为3.86 $\mu\text{g/L}$ 、176.40 $\mu\text{g/L}$ 、0.87 $\mu\text{g/L}$ 、0.03 $\mu\text{g/L}$,除血清铜低于正常范围外,其它重金属都在正常范围。2.脐血重金属高危影响因素为:常食用皮蛋、爆米花、海河鱼、虾、骨头汤、家禽畜肉、动物肝脏、听装饮料;牛奶或酸奶的摄入量少;家中水管材料;居住地;家庭人均收入;孕前职业;分娩年龄。3.脐血镉、铅、锰的含量与新生儿神经行为发育呈负相关。结论 上海市新生儿脐血七种重金属平均含量处于安全水平。饮食是脐血中重金属主要来源。脐血镉、铅、锰影响新生儿神经行为发育。

实例

The Effects of Prenatal Mn exposure on Neonatal Growth and Neurobehavioral Development

脐带血锰暴露对新生儿生长和神经行为的影响

Methods: to investigate 1652 mother-infant pairs Cord blood concentrations of Mn, birth weight, birth length, head circumference and NBNA (Neonatal Behavioral Neurological Assessments) were tested.....

Results: High level group ($\geq 75^{\text{th}}$ percentile,) of Mn was associated with lower birth length and lower NBNA scores..... Mn was the only factor inversely correlated with NBNA, important contribution factors for Mn exposure were Occupation

方法:

N = 1652例

- 脐带血锰的水平
- 新生儿体重、身长、头围
- 新生儿神经行为 (NBNA) 评分

结果:

- 高锰与低出生身长有联系
- 高锰与低NBNA评分有联系
- 职业暴露与锰水平有关

为什么被拒稿?

实例

The Effects of Prenatal Mn exposure on Neonatal Growth and Neurobehavioral Development

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结果:

- 高锰与低出生身长有联系
- 高锰与低NBNA评分有联系
- 职业暴露与锰水平有关

拒稿原因

一篇文章讲多件事，一件事都没讲清楚

举例

修改策略

✓ 一篇文章讲一件事

✓ 讲清楚

Elevated cord serum manganese level is associated with a neonatal high ponderal index

题目：脐带血锰暴露对新生儿**体重指数**的影响

内容：锰在人体既是微量元素又可能是有害重金属，并找出安全范围的**拐点**，**精准量化**锰对体重指数的**独立作用大小**。

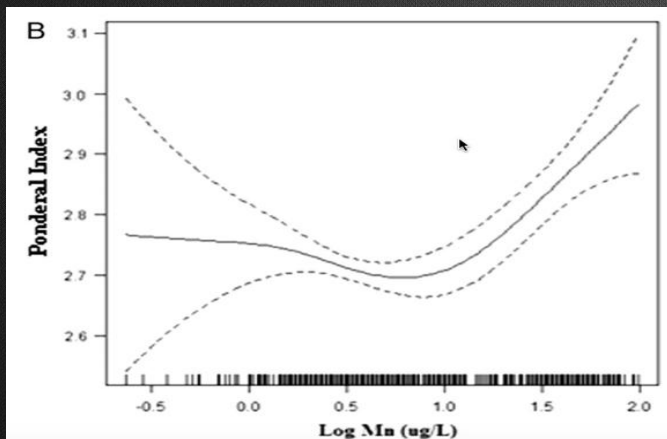


Table 3

Threshold effect analysis of manganese on neonatal growth using piece-wise linear regression.

	Crude β /OR (95% CI) <i>p</i> -value	*Adjusted β /OR (95% CI) <i>p</i> -value
Birth length		
Log Mn	-0.6 (-0.7, -0.5) < 0.001	-0.5 (-0.7, -0.2) < 0.001
Ponderal index		
Log Mn < 0.7	-0.1 (-0.3, 0.0) 0.036	-0.1 (-0.3, 0.0) 0.078
Log Mn \geq 0.7	0.2 (0.1, 0.2) < 0.001	0.2 (0.1, 0.2) < 0.001
High Ponderal index		
Log Mn < 0.7	0.6 (0.2, 1.5) 0.240	0.6 (0.2, 1.9) 0.377
Log Mn \geq 0.7	4.2 (2.5, 6.8) < 0.001	3.3 (1.8, 6.0) < 0.001

Yu, X., L. Cao and X. Yu, Elevated cord serum manganese level is associated with a neonatal high ponderal index. Environ Res, 2013. 121: p. 79-83.

举例



Contents lists available at [SciVerse ScienceDirect](#)

Environmental Research

journal homepage: www.elsevier.com/locate/envres



Elevated cord serum manganese level is associated with a neonatal high ponderal index



Contents lists available at [ScienceDirect](#)

Environmental Research

journal homepage: www.elsevier.com/locate/envres



Prenatal exposure to manganese at environment relevant level and neonatal neurobehavioral development



举例

同一个数据库于1年内整理出8篇高质量论文：换不同的研究假设X和Y



- [1] Yu, X., et al., Vitamin D Status and Related Factors in Newborns in Shanghai, China. *Nutrients*, 2014.
- [2] Yu, X., et al., Relationships between serum 25-hydroxyvitamin D and quantitative ultrasound bone mineral density in 0-6 year old children. *Bone*, 2013.
- [3] Yu, X., L. Cao and X. Yu, Elevated cord serum manganese level is associated with a neonatal high ponderal index. *Environ Res*, 2013..
- [4] Yu, X.D., et al., Prenatal exposure to manganese at environment relevant level and neonatal neurobehavioral development. *Environ Res*, 2014.
- [5] Yang, X., et al., Different levels of prenatal zinc and selenium had different effects on neonatal neurobehavioral development. *Neurotoxicology*, 2013.
- [6] Yang, X., et al., Selenium Protects Neonates against Neurotoxicity from Prenatal Exposure to Manganese. *PLoS One*, 2014.

.....



Heart failure

The N-terminal Pro-BNP Investigation of Dyspnea in the Emergency department (PRIDE) study

X: N-terminal Pro-BNP

Y: 心衰

研究对象：599例因呼吸困难而就诊于急诊科的患者

研究设计：观察性研究（队列）

599个病例发二十几篇SCI

从不同的角度分析

1. NT-proBNP与体重的关系
2. NT-proBNP与糖尿病的关系
3. NT-proBNP与房颤的关系
4. NT-proBNP与左室射血分数的关系
5. NT-proBNP与肾功能的关系
6. 民族和性别对NT-proBNP的影响
7. NT-proBNP与超声心动图的关系
8. NT-proBNP与胸片的关系
9. NT-proBNP在有慢性阻塞性肺病(COPD)和哮喘病史的患者中诊断心衰
10. NT-proBNP与临床评分的关系
11. NT-proBNP与心衰预后的关系
12. 在呼吸困难人群中引入NT-proBNP是否会节约医疗费用
13. 统计建模

影响因子	年份	作者	标题	来源
17.759	2006	van Kimm...	Utility of Amino-Terminal Pro-Brain Natriuretic Peptide, Galectin-3, and Apelin for the Evaluation of Patients With Acute...	Journal of the American College of...
17.759	2006	Anwarudd...	Renal Function, Congestive Heart Failure, and Amino-Terminal Pro-Brain Natriuretic Peptide Measurement	Journal of the American College of...
17.759	2007	Januzzi, Ja...	Measurement of the Interleukin Family Member ST2 in Patients With Acute Dyspnea	Journal of the American College of...
17.759	2006	van Kimm...	Utility of amino-terminal pro-brain natriuretic peptide, galectin-3, and apelin for the evaluation of patients with acute h...	J Am Coll Cardiol
17.759	2008	Rehman, ...	Characteristics of the novel interleukin family biomarker ST2 in patients with acute heart failure	J Am Coll Cardiol
15.064	2006	Chen, A A	NT-proBNP levels, echocardiographic findings, and outcomes in breathless patients: results from the ProBNP Investigati...	European Heart Journal
15.064	2012	Shah, Ravi	Mid-regional pro-atrial natriuretic peptide and pro-adrenomedullin testing for the diagnostic and prognostic ev...	European Heart Journal
11.462	2008	Green, S ...	Clinical uncertainty, diagnostic accuracy, and outcomes in emergency department patients presenting with dyspnea	Arch Intern Med
5.693	2008	Baggish, A...	A clinical and biochemical score for mortality prediction in patients with acute dyspnoea: derivation, validation and incor...	Heart
5.693	2008	Baggish, A	A clinical and biochemical score for mortality prediction in patients with acute dyspnoea: derivation, validation, ...	Heart
5.610	2016	Alba, Geor	Diagnostic and Prognostic Utility of Procalcitonin in Patients Presenting to the Emergency Department with Dyp...	The American Journal of Medicin...
5.135	2010	Shah, Ravi	Galectin-3, cardiac structure and function, and long-term mortality in patients with acutely decompensated hear...	European Journal of Heart Failure
5.135	2010	van Kimm...	Red blood cell distribution width and 1-year mortality in acute heart failure	Eur J Heart Fail
5.008	2006	Tung, Rod...	Amino-Terminal Pro-Brain Natriuretic Peptide for the Diagnosis of Acute Heart Failure in Patients With Previous Obstru...	Annals of Emergency Medicine
4.332	2006	Baggish, A...	A validated clinical and biochemical score for the diagnosis of acute heart failure: The ProBNP Investigation of Dyspnea ...	American Heart Journal
4.332	2005	Krauser, D...	Effect of body mass index on natriuretic peptide levels in patients with acute congestive heart failure: A ProBNP Investig...	American Heart Journal
4.332	2014	Meljers, W	Elevated plasma galectin-3 is associated with near-term rehospitalization in heart failure: A pooled analysis of 3	American Heart Journal
4.332	2007	Morello, A	Association of atrial fibrillation and amino-terminal pro-brain natriuretic peptide concentrations in dyspneic su...	American Heart Journal
3.259	2006	Krauser, D	Neither Race nor Gender Influences the Usefulness of Amino-Terminal Pro-Brain Natriuretic Peptide Testing in D	Journal of Cardiac Failure
3.259	2005	O'Donogh...	The Effects of Ejection Fraction on N-Terminal ProBNP and BNP Levels in Patients With Acute CHF: Analysis From the P...	Journal of Cardiac Failure
3.154	2006	van Kimm...	Usefulness of Intermediate Amino-Terminal Pro-Brain Natriuretic Peptide Concentrations for Diagnosis and Prognosis o...	The American Journal of Cardiology
3.154	2005	Januzzi, Ja...	The N-terminal Pro-BNP Investigation of Dyspnea in the Emergency department (PRIDE) study	The American Journal of Cardiology
3.154	2007	O'Donog...	Usefulness of Aminoterminal Pro-Brain Natriuretic Peptide Testing for the Diagnostic and Prognostic Evaluation of Dyp...	The American Journal of Cardiology
3.154	2005	Sakhuja, R	Combined Use of Amino Terminal Pro-Brain Natriuretic Peptide Levels and QRS Duration to Predict Left Ventric	The American Journal of Cardiol...
3.154	2006	Siebert, U...	Cost-Effectiveness of Using N-Terminal Pro-Brain Natriuretic Peptide to Guide the Diagnostic Assessment and M	The American Journal of Cardiol...
2.799	2008	Rehman, ...	Independent and incremental prognostic value of multimarker testing in acute dyspnea: Results from the ProBNP Invest...	Clinica Chimica Acta
2.631	2006	Melanson...	Combination of D-dimer and amino-terminal pro-B-type natriuretic Peptide testing for the evaluation of dyspneic patie...	Arch Pathol Lab Med
2.38	2010	Jr, J J; Reh...	Importance of biomarkers for long-term mortality prediction in acutely dyspneic patients.	
2.278	2008	Martinez...	Soluble ST2 Plasma Concentrations Predict 1-Year Mortality in Acutely Dyspneic Emergency Department Patients With ...	American Journal of Clinical Pathol...
2.278	2008	Rehman, ...	Inflammatory Markers, Amino-Terminal Pro-Brain Natriuretic Peptide, and Mortality Risk in Dyspneic Patients	American Journal of Clinical Path...
2.016	2009	Martinez...	Relative value of amino-terminal pro-B-type natriuretic peptide testing and radiographic standards for the diag	Biomarkers

一位妇产科医生开展的生殖领域相关研究

影响因子			...	作者	标题	来源
1.740	📄	★		2018 Stanhiser, J; Steiner,...	Psychosocial Aspects of Fertility and Assisted Reproduct...	Obstet Gynecol Clin North Am
2.673	📄	★		2018 Jukic, AMZ; Baird, D...	25-Hydroxyvitamin D (25(OH)D) and biomarkers of ov...	Menopause
4.803	📄	★		2018 Evans-Hoeker, E A; ...	Major depression, antidepressant use, and male and fe...	Fertil Steril
4.803	📄	★	📌	2018 Lyttle, Schumacher ...	Antimullerian hormone as a risk factor for miscarriage ...	Fertil Steril
4.803	📄	★	📌	2018 Lyttle, Schumacher ...	Cycle day, estrogen level, and lead follicle size: analysis ...	Fertil Steril
4.876	📄	★		2018 McInerney, K A; Ha...	Lubricant use during intercourse and time to pregnanc...	BJOG
4.876	📄	★		2018 Steiner, A Z	Maternal factors associated with offspring polycystic o...	BJOG
4.990	📄	★		2018 Bertone-Johnson, E ...	Anti-Mullerian hormone levels and incidence of early n...	Hum Reprod
4.991	📄	★		2018 Jukic, AMZ; Wilcox, ...	25-Hydroxyvitamin D and Long Menstrual Cycles in a ...	Epidemiology
	📄	★		2017 Spencer, E S; Hoff, ...	Immediate ureterovaginal fistula following oocyte retri...	Urol Ann
2.072	📄	★		2017 Tang, J H; Steiner, A...	Cross-sectional study of the ultrasonographic and hor...	Int J Gynaecol Obstet
2.580	📄	★		2017 Crawford, N M; Fen...	Effects of perfluorinated chemicals on thyroid functio...	Reprod Toxicol
4.803	📄	★	📌	2017 Seungdamrong, A; ...	Preconceptional antithyroid peroxidase antibodies, but...	Fertil Steril
4.803	📄	★		2017 Crawford, N M; Prit...	Prospective evaluation of luteal phase length and natu...	Fertil Steril
4.876	📄	★		2017 Steiner, A Z	Menstrual cycle characteristics are associated with fec...	BJOG
47.661	📄	★	📌	2017 Steiner, A Z; Pritcha...	Association Between Biomarkers of Ovarian Reserve an...	JAMA
2.670	📄	★		2016 Crawford, N M; Stei...	Thyroid Autoimmunity and Reproductive Function	Semin Reprod Med

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2017-2018年发表16篇，累计SCI影响因子105.3分

▶ 运用病例资料，回答临床问题

【年龄】

1. 年龄和**不孕症**的关系
2. 卵母细胞冻存时的年龄和**活产**的关系
3. 女性年龄和**生育能力**的关系：30至44岁人群

【激素水平】

1. **AMH**和**胎儿非整倍体**的关系
2. **AMH**和**排卵**的关系：多囊卵巢综合征患者
3. **FSH水平**与**早产/低出生体重**的关系：单胎IVF人群
4. 雌二醇、FSH、AMH和**生育能力**的关系
5. 卵巢储备生物标志物和**不育症**的关系
6. **周期，雌激素水平和卵泡大小**与临床妊娠的关系：GnRH拮抗剂的IVF人群
7. **血清25-羟维生素D**和卵巢储备生物标志物的关系
8. **吸烟**和AMH的关系：38至50岁女性人群
9. **环境因素**和AMH的关系

【其他】

1. **血脂**与LH/FSH的关系
2. **甲状腺功能**和生殖功能
3. **抗抑郁药**和妊娠结局
4. **体力活动**和活产：IVF妊娠人群

机遇

CRIC (慢性肾功能不全队列) 研究
发140余篇SCI



慢性肾功能不全队列：研究设计和方法

研究对象： Chronic Renal Insufficiency

研究设计： 队列研究

随访年限： 33个月

The Chronic Renal Insufficiency Cohort (CRIC) Study: Design and Methods

1046-6673/1407-0148

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DOI: 10.1097/01.ASN.0000070149.78399.CE

SCI IF=8.9

影响因子		...	作者	标题	来源
3.765	☆	2011	Shlipak, M G; Lash, J P; Yang, W; Teal, V	Symptoms characteristic of heart failure among CKD	J Card Fail
4.470	☆	2011	Isakova, T; Anderson, C A; Leonard, M I	Diuretics, calciuria and secondary hyperparathyroidi	Nephrol Dial Transplant
4.780	☆	2011	Scialla, J J; Leonard, M B; Townsend, R	Correlates of osteoprotegerin and association with a	Clin J Am Soc Nephrol
4.780	☆	2011	Ricardo, A C; Lash, J P; Fischer, M J; Lor	Cardiovascular disease among hispanics and non-his	Clin J Am Soc Nephrol
4.780	☆	2011	Weir, M R; Townsend, R R; Fink, J C; Te	Hemodynamic correlates of proteinuria in chronic ki	Clin J Am Soc Nephrol
4.780	☆	2011	Kurella, Tamura M; Xie, D; Yaffe, K; Coh	Vascular risk factors and cognitive impairment in chi	Clin J Am Soc Nephrol
7.623	☆	2011	Budoff, M J; Rader, D J; Reilly, M P; Mo	Relationship of estimated GFR and coronary artery c	Am J Kidney Dis
7.623	☆	2011	Fischer, M J; Go, A S; Lora, C M; Ackers	CKD in Hispanics: Baseline characteristics from the C	Am J Kidney Dis
8.966	☆	2011	Hsu, C Y; Propert, K; Xie, D; Hamm, L; F	Measured GFR does not outperform estimated GFR i	J Am Soc Nephrol
44.405	☆	2011	Isakova, T; Xie, H; Yang, W; Xie, D; Anders...	Fibroblast growth factor 23 and risks of mortality and ...	JAMA
2.542	☆	2010	Joffe, M; Hsu, C Y; Feldman, H I; Weir, I	Variability of creatinine measurements in clinical lab	Am J Nephrol
3.541	☆	2010	Townsend, R R; Wimmer, N J; Chirinos,	Aortic PWV in chronic kidney disease: a CRIC ancillar	Am J Hypertens
4.436	☆	2010	Soliman, E Z; Prineas, R J; Go, A S; Xie, I	Chronic kidney disease and prevalent atrial fibrillati	Am Heart J
4.780	☆	2010	Grunwald, J E; Alexander, J; Maguire, M	Prevalence of ocular fundus pathology in patients wi	Clin J Am Soc Nephrol
7.623	☆	2010	MacCluer, J W; Scavini, M; Shah, V O; C	Heritability of measures of kidney disease among Zu	Am J Kidney Dis
7.623	☆	2010	Muntner, P; Anderson, A; Charleston, J;	Hypertension awareness, treatment, and control in a	Am J Kidney Dis
8.966	☆	2010	Gutierrez, O M; Anderson, C; Isakova, T; ...	Low socioeconomic status associates with higher seru...	J Am Soc Nephrol
3.541	☆	2009	DeLoach, S S; Appel, L J; Chen, J; Joffe, ...	Aortic pulse pressure is associated with carotid IMT in ...	Am J Hypertens
4.780	☆	2009	Lash, J P; Go, A S; Appel, L J; He, J; Ojo, A...	Chronic Renal Insufficiency Cohort (CRIC) Study: baseli...	Clin J Am Soc Nephrol
8.966	☆	2003	Feldman, H I	The Chronic Renal Insufficiency Cohort (CRIC) Study: D...	Journal of the American Society of ...

题录

影响因子		...	作者	标题	来源
7.623	☆		2013 Dobre, M; Yang, W; Chen, J; Drawz, P; ...	Association of serum bicarbonate with risk of renal a	Am J Kidney Dis
7.623	☆		2013 Mishra, R K; Li, Y; DeFilippi, C; Fischer, M	Association of cardiac troponin T with left ventricula	Am J Kidney Dis
7.623	☆		2013 Yaffe, K; Ackerson, L; Hoang, T D; Go, A	Retinopathy and cognitive impairment in adults with	Am J Kidney Dis
8.395	☆		2013 Scialla, J J; Lau, W L; Reilly, M P; Isakov	Fibroblast growth factor 23 is not associated with an	Kidney Int
8.395	☆		2013 Liu, K D; Yang, W; Anderson, A H; Feldn	Urine neutrophil gelatinase-associated lipocalin leve	Kidney Int
19.896	☆	■	2013 Towler, D A	Chronic kidney disease: the "perfect storm" of cardiom...	J Am Coll Cardiol
19.896	☆	■	2013 Ferguson, J F; Matthews, G J; Townsend, ...	Candidate gene association study of coronary artery ca...	J Am Coll Cardiol
72.406	☆	■	2013 Parsa, A; Kao, W H; Xie, D; Astor, B C; Li, ...	APOL1 risk variants, race, and progression of chronic ki...	N Engl J Med
	☆		2012 Grunwald, J E; Alexander, J; Ying, G S; M	Retinopathy and chronic kidney disease in the Chron	Arch Ophthalmol
2.318	☆		2012 Scialla, J J; Appel, L J; Wolf, M; Yang, W	Plant protein intake is associated with fibroblast gro	J Ren Nutr
2.542	☆		2012 Adeseun, G A; Xie, D; Wang, X; Joffe, M	Carotid plaque, carotid intima-media thickness, and	Am J Nephrol
3.398	☆		2012 He, J; Reilly, M; Yang, W; Chen, J; Go, A	Risk factors for coronary artery calcium among patie	Am J Cardiol
3.398	☆		2012 Grunwald, J E; Ying, G S; Maguire, M; Pi	Association between retinopathy and cardiovascular	Am J Cardiol
3.398	☆		2012 Chen, J; Mohler, ER Rd; Xie, D; Shlipak,	Risk factors for peripheral arterial disease among pa	Am J Cardiol
4.780	☆		2012 Gupta, J; Mitra, N; Kanetsky, P A; Devar	Association between albuminuria, kidney function, ai	Clin J Am Soc Nephrol
4.780	☆		2012 Munoz, Mendoza J; Isakova, T; Ricardo,	Fibroblast growth factor 23 and Inflammation in CK..	Clin J Am Soc Nephrol
7.623	☆		2012 Anderson, A H; Yang, W; Hsu, C Y; Joffe	Estimating GFR among participants in the Chronic Re	Am J Kidney Dis
7.623	☆		2012 Fischer, M J; Xie, D; Jordan, N; Kop, W .	Factors associated with depressive symptoms and us	Am J Kidney Dis
8.966	☆		2012 Park, M; Hsu, C Y; Li, Y; Mishra, R K; Kea	Associations between kidney function and subclinical	J Am Soc Nephrol
2.542	☆		2011 Townsend, R R; Anderson, A H; Chen, J;	Metabolic syndrome, components, and cardiovascul	Am J Nephrol

影响因子		...	作者	标题	来源
6.372	☆	2014	Chirinos, J A; Khan, A; Bansal, N; Dries,	Arterial stiffness, central pressures, and incident hos	Circ Heart Fail
6.857	☆	2014	Deo, R; Yang, W; Khan, A M; Bansal, N;	Serum aldosterone and death, end-stage renal disea	Hypertension
7.623	☆	2014	Yang, W; Xie, D; Anderson, A H; Joffe, I	Association of kidney disease outcomes with risk fac	Am J Kidney Dis
7.623	☆	2014	Fotheringham, J; Campbell, M J; Fogart	Estimated albumin excretion rate versus urine album	Am J Kidney Dis
8.966	☆	2014	Scialla, J J; Xie, H; Rahman, M; Anderso	Fibroblast growth factor-23 and cardiovascular ever	J Am Soc Nephrol
20.212	☆	2014	Mehta, N N; Matthews, G J; Krishnamoor...	Higher plasma CXCL12 levels predict incident myocardi...	Eur Heart J
0.931	☆	2013	Puzantian, H V; Townsend, R R	Understanding kidney function assessment: the basic	J Am Assoc Nurse Pract
0.993	☆	2013	Ricardo, A C; Hacker, E; Lora, C M; Ack	Validation of the Kidney Disease Quality of Life Short	Ethn Dis
2.289	☆	2013	Lin, Y C; Bansal, N; Vittinghoff, E; Go, A S...	Determinants of the creatinine clearance to glomerular...	BMC Nephrol
2.289	☆	2013	Dubin, R F; Li, Y; He, J; Jaar, B G; Kaller	Predictors of high sensitivity cardiac troponin T in ch	BMC Nephrol
2.542	☆	2013	Drawz, P E; Babineau, D C; Brecklin, C; I	Heart rate variability is a predictor of mortality in ch	Am J Nephrol
2.542	☆	2013	Reese, P P; Cappola, A R; Shults, J; Tow	Physical performance and frailty in chronic kidney di	Am J Nephrol
3.041	☆	2013	Margolis, D J; Gupta, J; Thom, S R; Tow	Diabetes, lower extremity amputation, loss of protec	Wound Repair Regen
3.398	☆	2013	Mishra, R K; Li, Y; Ricardo, A C; Yang, V	Association of N-terminal pro-B-type natriuretic pep	Am J Cardiol
4.780	☆	2013	Bansal, N; Keane, M; Delafontaine, P; D	A longitudinal study of left ventricular function and s	Clin J Am Soc Nephrol
6.372	☆	2013	Ky, B; Shults, J; Keane, M G; Sutton, M S	FGF23 modifies the relationship between vitamin D a	Circ Heart Fail
7.623	☆	2013	Fisher, H; Hsu, C Y; Vittinghoff, E; Lin, F;	Comparison of associations of urine protein-creatini	Am J Kidney Dis

2016年31篇，年累计SCI IF=220.1分

题录

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影响因子		年份	作者	标题	来源
44.405	☆	2016	Mills, K T; Chen, J; Yang, W; Appel, L J; Ku...	Sodium Excretion and the Risk of Cardiovascular Disea...	JAMA
8.966	☆	2016	Fischer, M J; Hsu, J Y; Lora, C M; Ricardo,...	CKD Progression and Mortality among Hispanics and ...	J Am Soc Nephrol
8.966	☆	2016	Ku, E; Xie, D; Shlipak, M; Hyre, Anderson ...	Change in Measured GFR Versus eGFR and CKD Outco...	J Am Soc Nephrol
8.966	☆	2016	Navaneethan, S D; Roy, J; Tao, K; Brecklin...	Prevalence, Predictors, and Outcomes of Pulmonary H...	J Am Soc Nephrol
8.966	☆	2016	Deo, R; Shou, H; Soliman, E Z; Yang, W; A...	Electrocardiographic Measures and Prediction of Cardi...	J Am Soc Nephrol
8.395	☆	2016	Bansal, N; McCulloch, C E; Lin, F; Robinso...	Different components of blood pressure are associated...	Kidney Int
8.395	☆	2016	Bansal, N; McCulloch, C E; Lin, F; Robinso...	Different components of blood pressure are associated...	Kidney Int
7.623	☆	2016	Liu, X; Foster, M C; Tighiouart, H; Anders...	Non-GFR Determinants of Low-Molecular-Weight Seru...	Am J Kidney Dis
7.623	☆	2016	Lash, J P; Ricardo, A C; Roy, J; Deo, R; F	Race/Ethnicity and Cardiovascular Outcomes in Adul	Am J Kidney Dis
7.623	☆	2016	Kurella, Tamura M; Yaffe, K; Hsu, C Y; Y	Cognitive Impairment and Progression of CKD	Am J Kidney Dis
7.623	☆	2016	Foster, M C; Coresh, J; Hsu, C Y; Xie, D;	Serum beta-Trace Protein and beta2-Microglobulin	Am J Kidney Dis
7.623	☆	2016	Hsu, R K; Chai, B; Roy, J A; Anderson, A	Abrupt Decline in Kidney Function Before Initiating H	Am J Kidney Dis
7.623	☆	2016	Yang, P; Xu, G	Serum Fractalkines and Cardiovascular Outcomes in	Am J Kidney Dis
7.623	☆	2016	Shah, R	In Reply to 'Serum Fractalkines and Cardiovascular C	Am J Kidney Dis
7.623	☆	2016	Raphael, K L	Approach to the Treatment of Chronic Metabolic Acid...	Am J Kidney Dis
7.623	☆	2016	Inker, L A; Tighiouart, H; Coresh, J; Fost	GFR Estimation Using beta-Trace Protein and beta2-l	Am J Kidney Dis
6.857	☆	2016	Thomas, G; Xie, D; Chen, H Y; Anderson	Prevalence and Prognostic Significance of Apparent	Hypertension

从不同的角度分析

1. 炎症和CKD进展的关系
2. 血脂和CKD进展的关系
3. 睡眠时间和质量和CKD进展的关系
4. 认知功能障碍和CKD进展的关系
5. 健康生活方式和CKD进展的关系
6. 肾小管损伤生物标记物对CKD进展的预测模型
7. 尿蛋白/肌酐与白蛋白/肌酐比值与CKD并发症的关系
8. eGFR和CKD相关并发症的关系
9. CKD患者尿酸与肾衰竭和死亡的关系
10. CKD患者房颤和ESRD的关系
11. CKD患者的酸负荷和磷的关系
12. CKD患者透析和执行功能的关系
13. CKD患者eGFR与冠状动脉钙化的关系
14. CKD患者QT延长药物与心电图表现的关系

通过留下的血清标本开展研究

1. **APOL1**与肾脏病进展的关系 N Engl J Med
2. **FGF-23**和CKD患者死亡和终末期肾病的风险 JAMA

充分利用病历资料开展一些研究

1. 慢性肾脏病患者钠排泄与心血管疾病风险的关系 JAMA
2. CKD患者中肺动脉高压的危险因素研究
3. CKD患者心电图和预后的关系
4. 晚期CKD患者血压和心衰的关系

Sun Yat-sen University Cancer Centre运用鼻咽癌病例资料开展临床研究

题录

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影响因子	期刊	年份	作者	标题
1.007	medicine (...)	2010	Chen, ...	Prognostic value of plasma Epstein-Barr virus DNA for local and regionally advanced nasopharyngeal...
6.029	Eur J Cancer	2015	You, R...	New surgical staging system for patients with recurrent nasopharyngeal carcinoma based on the AJCC...
5.168	Oncotarget	2015	Chen, ...	Combining plasma Epstein-Barr virus DNA and nodal maximal standard uptake values of 18F-fluoro-2-...
5.133	Int J Radiat...	2015	Liu, L ...	The Prognostic Value of Plasma Epstein-Barr Viral DNA and Tumor Response to Neoadjuvant Chemothe...
5.133	Int J Radiat...	2015	Tang, ...	High-sensitivity C-reactive protein complements plasma Epstein-Barr virus deoxyribonucleic acid progn...
3.288	BMC Cancer	2015	Guo, S...	The impact of the cumulative dose of cisplatin during concurrent chemoradiotherapy on the clinical out...
2.806	PLoS One	2015	Guo, S...	Is Hemoglobin Level in Patients with Nasopharyngeal Carcinoma Still a Significant Prognostic Factor in t...
2.806	PLoS One	2015	Tang, ...	Elevated high-sensitivity C-reactive protein levels predict decreased survival for nasopharyngeal carcino...
1.804	Medicine (...)	2015	Chen, ...	Prognostic Value and Grading of MRI-Based T Category in Patients With Nasopharyngeal Carcinoma Wi...
6.176	Br J Cancer	2014	Tang, ...	The impact of plasma Epstein-Barr virus DNA and fibrinogen on nasopharyngeal carcinoma prognosis: a...
3.288	BMC Cancer	2014	Chen, ...	Elevated levels of plasma D-dimer predict a worse outcome in patients with nasopharyngeal carcinoma
2.568	Radiat Onc...	2014	Guo, S...	The impact of smoking on the clinical outcome of locoregionally advanced nasopharyngeal carcinoma a...
24.008	J Clin Oncol	2013	Tang, ...	Prospective study of tailoring whole-body dual-modality [18F]fluorodeoxyglucose positron emission to...
2.806	PLoS One	2013	Liu, H; ...	Genetic variations in radiation and chemotherapy drug action pathways and survival in locoregionally a...
2.634	Med Oncol	2013	Liu, H; ...	Functional polymorphisms of matrix metalloproteinase-9 and survival in patients with locoregionally adv...
2.568	Radiat Onc.	2013	Liu, H; .	Feasibility and efficacy of chemoradiotherapy for elderly patients with locoregionally advanced n

SCI IF 2013:32 2014:12 2015:31

	影响因子	期刊			年份 ▾	作者	标题
●	33.900	Lancet On...	📄	☆	2018	Tang, ...	Concurrent chemoradiotherapy with nedaplatin versus cisplatin in stage II-IVB nasopharyngeal carcino...
●	3.772	Cancer Res...	📄	☆	2018	Li, Y; T...	Induction Chemotherapy Plus Concurrent Chemoradiotherapy Versus Concurrent Chemoradiotherapy ...
●	3.772	Cancer Res.	📄	☆	2018	Liu, L ...	The Prognostic Value of Treatment-Related Lymphopenia in Nasopharyngeal Carcinoma Patients
●	3.288	BMC Cancer	📄	☆	2018	Guo, S...	Pretreatment quality of life as a predictor of survival for patients with nasopharyngeal carcinoma treat...
●	7.296	Radiology	📄	☆	2017	Liu, L ...	Advanced-Stage Nasopharyngeal Carcinoma: Restaging System after Neoadjuvant Chemotherapy on t...
●	3.786	J Transl Med	📄	☆	2017	Sun, J;...	Benefits of local tumor excision and pharyngectomy on the survival of nasopharyngeal carcinoma patie...
●	3.772	Cancer Res...	📄	☆	2017	Chen, ...	Combination of Tumor Volume and Epstein-Barr Virus DNA Improved Prognostic Stratification of Stage...
●	3.772	Cancer Res.	📄	☆	2017	Chen, ...	Pretreatment Serum Amyloid A and C - Reactive Protein Comparing with Epstein-Barr Virus DNA
●	3.288	BMC Canc...	📄	☆	2017	Li, Y; C...	Concurrent chemoradiotherapy with or without cetuximab for stage II to IVb nasopharyngeal carc
●	2.906	Biosci Rep	📄	☆	2017	Li, Y L;...	Role of SDF-1alpha/CXCR4 signaling pathway in clinicopathological features and prognosis of patients ...
●	12.589	J Natl Can...	📄	☆	2016	Tang, ...	Establishment and Validation of Prognostic Nomograms for Endemic Nasopharyngeal Carcinoma
●	5.168	Oncotarget	📄	☆	2016	Guo, S...	Induction chemotherapy followed by concurrent chemoradiotherapy versus concurrent chemoradiothe...
●	5.168	Oncotarget	📄	☆	2016	Liu, Y ...	High-density lipoprotein cholesterol as a predictor of poor survival in patients with nasopharyngeal car...
●	4.794	Oral Oncol	📄	☆	2016	Lu, L; ...	Prognostic efficacy of combining tumor volume with Epstein-Barr virus DNA in patients treated with int...
●	3.288	BMC Cancer	📄	☆	2016	Liu, L ...	With or without reirradiation in advanced local recurrent nasopharyngeal carcinoma: a case-control study
●	3.039	J Diabetes	📄	☆	2016	Tang, ...	Renoprotective effects of berberine and its potential effect on the expression of beta-arrestins an
●	1.804	Medicine (...)	📄	☆	2016	Chen, ...	Prognostic Value of Plasma Epstein-Barr Virus DNA for Local and Regionally Advanced Nasopharyngeal...

SCI IF 2016:35 2017:24 2018:44

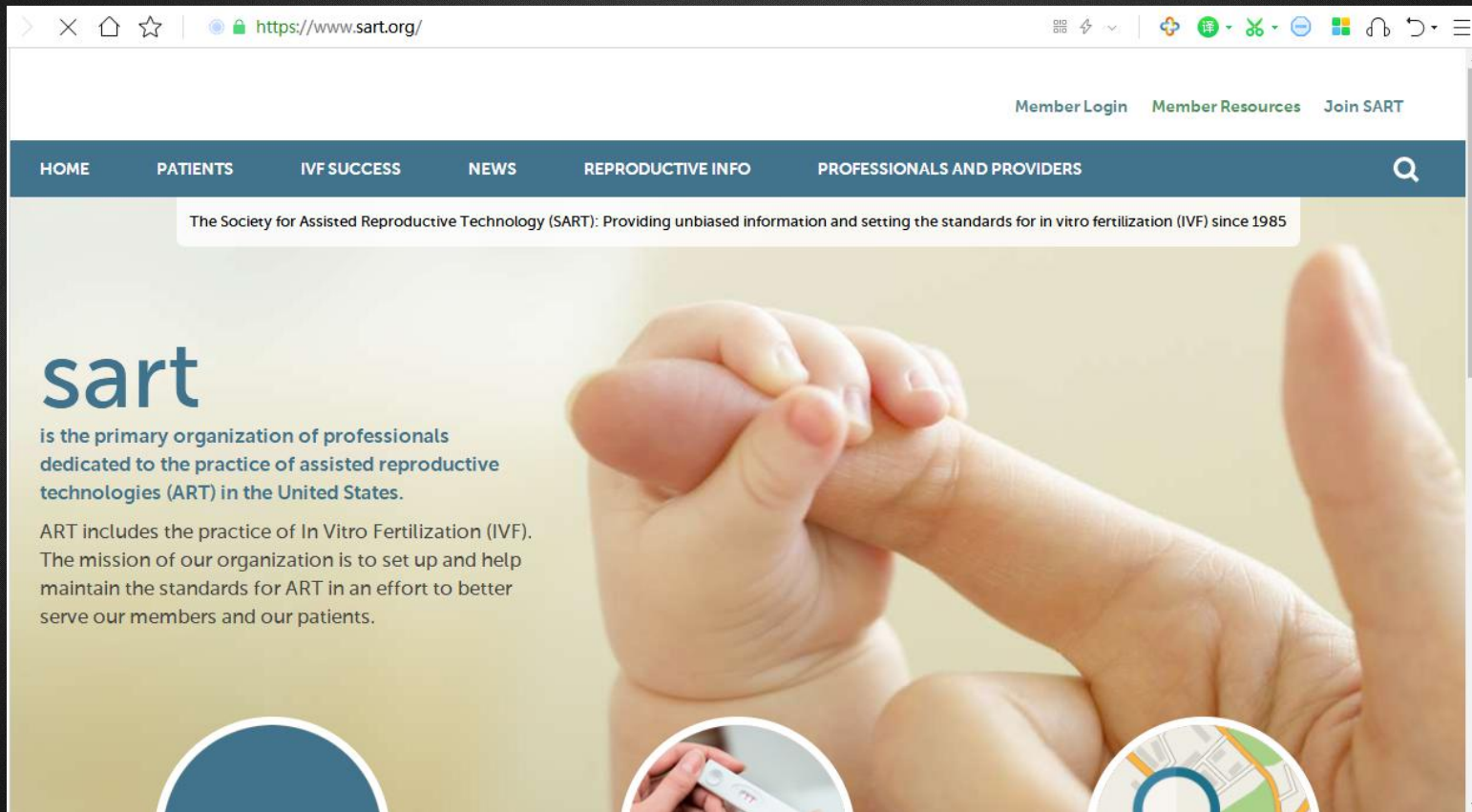
从不同的角度分析

1. 吸烟与鼻咽癌化疗预后的关系
2. 高敏C-反应蛋白与鼻咽癌放疗预后的关系
3. 血红蛋白水平与鼻咽癌放疗预后的关系
4. D-二聚体与鼻咽癌放疗预后的关系
5. EB病毒DNA和纤维蛋白原与鼻咽癌预后的关系
6. EB病毒DNA与肿瘤反应对鼻咽癌新辅助化疗预后的关系
7. MRI检查与无淋巴结转移的鼻咽癌放疗预后的关系
8. 同步放化疗期间顺铂累积剂量与鼻咽癌预后的关系
9. 高敏C-反应蛋白和EB病毒DNA与鼻咽癌预后的关系
10. 放化疗与老年局部晚期鼻咽癌预后的关系
11. PET/CT 与血浆EB病毒DNA检测鼻咽癌远处转移的关系
12. 基质金属蛋白酶-9多态性与局部晚期鼻咽癌放化疗患者预后的关系



美国辅助生殖技术临床信息报告系统系列研究

Society for Assisted Reproductive Technology Clinic Outcomes Reporting System, **SART CORS**



The screenshot shows the homepage of the Society for Assisted Reproductive Technology (SART). The browser address bar displays <https://www.sart.org/>. The navigation menu includes links for [Member Login](#), [Member Resources](#), and [Join SART](#). The main navigation bar features [HOME](#), [PATIENTS](#), [IVF SUCCESS](#), [NEWS](#), [REPRODUCTIVE INFO](#), and [PROFESSIONALS AND PROVIDERS](#), along with a search icon. A banner below the navigation bar reads: "The Society for Assisted Reproductive Technology (SART): Providing unbiased information and setting the standards for in vitro fertilization (IVF) since 1985". The main content area features the SART logo and a description: "sart is the primary organization of professionals dedicated to the practice of assisted reproductive technologies (ART) in the United States." Below this, it states: "ART includes the practice of In Vitro Fertilization (IVF). The mission of our organization is to set up and help maintain the standards for ART in an effort to better serve our members and our patients." The background image shows a close-up of a hand holding a small object, possibly a medical device or a small child's hand. There are also circular icons at the bottom of the page, including a blue circle, a white circle with a hand holding a device, and a white circle with a colorful map.



美国辅助生殖技术临床信息报告系统系列研究

Society for Assisted Reproductive Technology Clinic Outcomes Reporting System, **SART CORS**

影响...			年份	作者	标题	来源
70.670	📄	★	2012	Lu...	Cumulative birth rates with linked assisted reproductive technology cycles	N Engl J Med
6.120	📄	☆	2015	Lu...	Application of a validated prediction model for in vitro fertilization: comparison of live birth ra	Am J Obstet Gynecol
6.120	📄	☆	2016	St...	Accuracy of self-reported survey data on assisted reproductive technology treatment paramete	Am J Obstet Gynecol
6.120	📄	☆	2017	Lu...	Adverse pregnancy, birth, and infant outcomes in twins: effects of maternal fertility status and ir	Am J Obstet Gynecol
6.120	📄	☆	2017	Lu...	Pregnancy, birth, and infant outcomes by maternal fertility status: the Massachusetts Outcomes :	Am J Obstet Gynecol
5.506	📄	☆	2011	Lu...	Female obesity adversely affects assisted reproductive technology (ART) pregnancy and live bir	Hum Reprod
5.506	📄	☆	2016	Gri..	Use of ICSI in IVF cycles in women with tubal ligation does not improve pregnancy or live birth r	Hum Reprod
5.506	📄	☆	2011	Lu...	Female obesity adversely affects assisted reproductive technology (ART) pregnancy and live bir	Hum Reprod
5.506	📄	☆	2016	Ye...	Infertility treatment and children's longitudinal growth between birth and 3 years of age	Hum Reprod
5.411	📄	★	2014	Lu...	Using the Society for Assisted Reproductive Technology Clinic Outcome System morphological i	Fertil Steril
5.411	📄	☆	2010	St...	Calculating cumulative live-birth rates from linked cycles of assisted reproductive technology (A	Fertil Steril
5.411	📄	☆	2010	St...	Calculating cumulative live-birth rates from linked cycles of assisted reproductive technology (A	Fertil Steril
5.411	📄	☆	2011	Gi...	Use of preimplantation genetic diagnosis and preimplantation genetic screening in the United S	Fertil Steril
5.411	📄	☆	2011	Ra...	National collection of embryo morphology data into Society for Assisted Reproductive Technol	Fertil Steril
5.411	📄	☆	2011	Ve...	Utility of the national embryo morphology data collection by the Society for Assisted Reproduct	Fertil Steril
5.411	📄	☆	2012	W...	Race matters: a systematic review of racial/ethnic disparity in Society for Assisted Reproductive	Fertil Steril
5.411	📄	☆	2012	St...	Can the Society for Assisted Reproductive Technology Clinic Outcome Reporting System (SART i	Fertil Steril
5.411	📄	☆	2012	Di...	Effect of maternal height and weight on risk of preterm birth in singleton and twin births resulti	Fertil Steril
5.411	📄	☆	2013	Bu...	Diagnosis and treatment of diminished ovarian reserve in assisted reproductive technology cycl	Fertil Steril
5.411	📄	☆	2014	Lu...	A prediction model for live birth and multiple births within the first three cycles of assisted repr	Fertil Steril
5.411	📄	☆	2014	St...	Calculating length of gestation from the Society for Assisted Reproductive Technology Clinic Ou	Fertil Steril
5.411	📄	☆	2014	Lu...	Factors associated with monozygosity in assisted reproductive technology pregnancies and the	Fertil Steril

▶ 运用病例资料，回答临床问题 2009-2011

【描述性】

1. 单胎助孕后代性别比例
2. 双胎辅助妊娠的早期胎儿流产
3. 单胎辅助妊娠的早期胎儿丢失
4. 胚胎分级的标准
5. 辅助生殖技术的累积活产率 (CLBR)
6. 美国单胚胎移植的实践模式和结果

【关联分析】

1. 胚胎移植数和妊娠结局的关系
2. 肥胖对辅助生殖技术疗效的影响
3. 女性肥胖对妊娠和活产率的不利影响
4. 男性因素对辅助生殖技术疗效的影响
5. 种族差异和体重指数对妊娠和活产率的影响
6. 第一个周期治疗情况与后续周期疗效的关系
7. 卵巢过度刺激综合征的影响因素以及对辅助生殖技术疗效的影响

▶ 运用病例资料，回答临床问题 2012-2015

【描述性】

1. 辅助生殖技术的**累计活产率 (CLBR)**
2. 辅助生殖技术的**活产率和出生结局**
3. **单卵裂性 (MZ)** 相关的因素以及随后妊娠中复发的风险
4. 不孕症**分娩结局**
5. 有无辅助生殖技术治疗与**不良事件**的关系

【危险因素研究】

1. **活产**对下一次移植活产率的影响
2. **胚胎形态质量**与活产的关系
3. **父亲年龄**对妊娠的影响
4. 辅助生殖技术与**癌症**的关系
5. **移植胚胎数**与不良妊娠结局的关系
6. 辅助生殖技术和**早产、低出生体重、胎龄和围产期死亡**的关系

▶ 运用病例资料，回答临床问题 2012-2015

【预测模型】

1. 前三个周期内活产和多胞胎的预测模型
2. 活产和多胎出生率预测模型的验证

【方法学】

1. 在数据库中识别具有生育力指标的妇女
2. 母亲报告的辅助生殖技术治疗与注册数据的比较

▶ 运用病例资料，回答临床问题 2016-2018

【描述性】

1. 不孕症治疗的**出生结局**
2. 患癌症女性的**胚胎库**情况
3. 患癌症女性使用已保存胚胎的情况
4. 是否接受辅助生殖技术的女性的**住院分娩情况**
5. 双胞胎的**不良妊娠、分娩和婴儿结局情况**
6. 孕产妇状况和**妊娠、分娩和婴儿结局情况**

【危险因素】

1. 输卵管结扎女性**ICSI**与妊娠率和活产率的关系
2. 辅助生殖技术和**围产期结局**的关系
3. 辅助生殖技术和**母亲不良事件**的关系
4. **患癌症女性**辅助生殖技术的使用和结果
5. 辅助生殖技术和**出生缺陷**的关系
6. 冷冻和新鲜周期与**出生体重**的关系

【方法学】

1. 数据库数据一致性评价
2. 辅助生殖技术和早期干预计划
3. **自我报告**的辅助生殖数据和生殖史调查数据的**准确性**

▶ 运用病例资料，回答临床问题 2019

【描述性】

1. 通过孕产妇生育状况调查严重孕产妇发病的风险
2. 孕产妇生育状况引起的严重孕产妇发病风险

【危险因素】

1. 美国体外受精与儿童癌症的关系研究
2. 体外受精和妊娠高血压疾病的风险
3. 肥胖女性中较低的AMH与较低的卵母细胞产量相关，但与出生率无关

尿道上皮癌回顾性国际研究 (RISC) 发表论文情况

10篇累计SCI影响因子分53.5分

题录				
影响因子	年份	作者	标题	来源
13.926	2018	Bamias, A; Tzan...	Impact of contemporary patterns of chemotherapy utilization on survival in pati...	Ann Oncol
5.381	2018	Sonpavde, G P;...	Impact of the Number of Cycles of Platinum Based First Line Chemotherapy for...	J Urol
2.539	2018	Necchi, A; Pon...	Bone Metastases as the Only Metastatic Site in Patients With Urothelial Carcino...	Clin Genitourin Cancer
	2018	Necchi, A; Pon...	Robot-assisted Versus Open Radical Cystectomy in Patients Receiving Periopera...	Eur Urol Focus
17.581	2017	Necchi, A; Son...	Nomogram-based Prediction of Overall Survival in Patients with Metastatic Uro...	Eur Urol
3.202	2017	Ramos, J D; Ca...	Venous thromboembolism in metastatic urothelial carcinoma or variant histolog...	Cancer Med
2.539	2017	Ramos, J D; Wi...	Venous Thromboembolism Risk in Patients With Locoregional Urothelial Tract T...	Clin Genitourin Cancer
1.852	2017	Ramos, J D; Ca...	The Khorana Score in Predicting Venous Thromboembolism for Patients With M...	Clin Appl Thromb Hemost
	2017	Necchi, A; Mari...	Lack of Effectiveness of Postchemotherapy Lymphadenectomy in Bladder Canc...	Eur Urol Focus
6.537	2015	Galsky, Matthe...	Comparative effectiveness of gemcitabine plus cisplatin versus methotrexate, vi...	Cancer

RISC: The Retrospective International Study of Cancers of the Urothelium

真实世界观察性研究：2005-2012年，28个国际中心

从不同的角度分析

1. 当代**化疗**方式对晚期尿路癌患者**生存**的影响 *Ann Oncol*, 2018 13.9分
2. **机器人辅助与开放式根治性膀胱切除术**对于膀胱癌患者**预后**的影响
3. **铂类一线化疗**对晚期尿路上皮癌**细胞周期数**的影响 *J Urol*, 2018 5.3分
4. 骨转移是尿路上皮癌患者唯一的转移部位
5. 转移性尿路上皮癌患者铂类化疗的**存活率预测模型** *Eur Urol*, 2017 17.5分
6. 转移性尿路上皮癌或变异组织中的**静脉血栓**对**生存**的影响
7. 局部尿路上皮肿瘤患者静脉血栓栓塞风险
8. 对于化疗治疗的转移性尿路上皮癌患者运用**Khorana评分预测静脉血栓栓塞**
9. 膀胱癌患者化疗后**淋巴结切除术**对**预后**的影响
10. 吉西他滨联合顺铂与甲氨蝶呤、长春碱、多柔比星联合顺铂作为肌肉浸润性膀胱癌**新辅助治疗的疗效比较** *Cancer*, 2015 6.5分



哥本哈根学校健康记录研究 (CSHRR) 发表43篇 SCI 累计IF=285.6分

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International Journal of Epidemiology 2009; **38**:656–662
doi:10.1093/aje/dyn164

COHORT PROFILE

Cohort Profile: The Copenhagen School Health Records Register

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and Thorkild IA Sørensen¹

研究对象：35万入学儿童健康检查信息

研究设计：观察性研究（队列） The Copenhagen School Health Records Register (CSHRR) is a database of health examination information on more than 350 000 schoolchildren who ever attended school in the central municipality of the capital city of Denmark.

Baker, J.L., et al. *International Journal of Epidemiology*, 2009.

► 顶层设计策略

看表面：描述性研究

临床意义：了解一般资料
出生体重、BMI等的分布
研究设计：横断面

看因果：关联分析

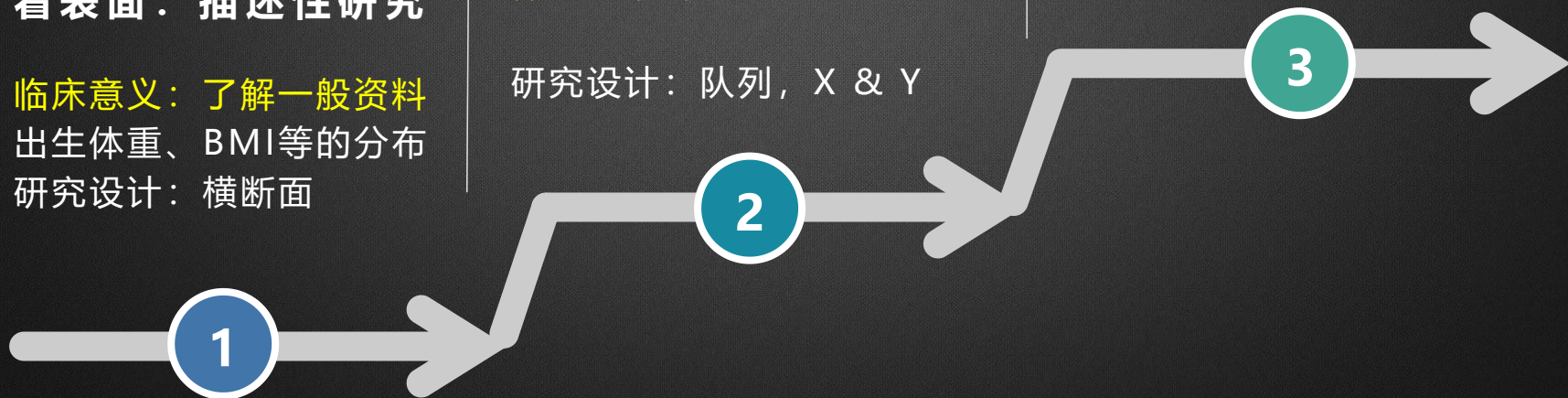
临床意义：
哪些因素影响体重？
体重影响哪些预后？

研究设计：队列，X & Y

看改变：X的变化与Y

临床意义：
体重的变化和Y的关系
体重随时间变化的趋势？

研究设计：队列（重复测量），X & Y



▶ 研究设计方案、体重和疾病的关联分析

【研究设计】

1. 哥本哈根学校健康记录登记研究
2. 基于哥本哈根学校健康记录的肥胖症研究
3. 哥本哈根学校健康记录研究

【体重的描述性研究】

1. 中老年妇女自我报告的出生体重与出生记录体重的一致性研究
2. 婴儿期体重与成年体重指数关系的研究
3. 配偶体重指数与肥胖流行的关系研究

【危险因素研究】

1. 独生子或最后一胎增加未来发生肥胖的风险
2. 儿童长期体重指数与多发性硬化的危险性
3. 体重指数与青春期女孩牛皮癣的关系研究
4. 儿童身高和出生体重与未来前列腺癌风险的关系
5. 出生体重、儿童身高和体重指数与成人胶质瘤风险的研究
6. 出生体重，儿童体重指数，身高与乳房X线照片密度和乳腺癌的关系
7. 儿童身高和体重指数与成人甲状腺癌的风险有关
8. 儿童体重指数与成人原发性肝癌的关系



发表论文情况 2009-2014年 14篇 SCI IF=76.1分

影响因子				作者	标题	来源
7.339				2009 Baker, J.	Cohort Profile: The Copenhagen School Health Records Register	International Journal of Epidemiology
2.741				2010 Wodsk...	Validity of self-reported birthweight among middle-aged and elderly wome	Acta Obstetricia et Gynecologica Scandir
3.531				2010 Bryld, L...	High Body Mass Index in Adolescent Girls Precedes Psoriasis Hospitalization	Acta Dermato Venereologica
1.761				2011 Baker, J.	Obesity research based on the Copenhagen School Health Records Register	Scandinavian Journal of Public Health
1.761				2011 Baker, J...	The Copenhagen School Health Records Register	Scandinavian Journal of Public Health
3.517				2012 Ajslev, ..	Assortative marriages by body mass index have increased simultaneously wi	Frontiers in Genetics
2.776				2013 Haugaa.	Being an only or last-born child increases later risk of obesity	PLoS One
5.057				2013 Cook, ...	Childhood Height and Birth Weight in Relation to Future Prostate Cancer Ris	Cancer Epidemiology Biomarkers & Prev
5.649				2013 Munge...	Childhood body mass index and multiple sclerosis risk: a long-term cohort s	Multiple Sclerosis Journal
4.473				2014 Kitahar..	A Prospective Study of Height and Body Mass Index in Childhood, Birth Wei	American Journal of Epidemiology
4.514				2014 Bjerreg..	Effects of body size and change in body size from infancy through childhood	Int J Obes (Lond)
5.676				2014 Anders..	Birth weight, childhood body mass index, and height in relation to mammo	Breast Cancer Res
8.378				2014 Kitahar..	Childhood Height and Body Mass Index Were Associated with Risk of Adult	Cancer Research
18.946				2014 Berentz...	Body mass index in childhood and adult risk of primary liver cancer	Journal of Hepatology

▶ 同X不同Y

【肿瘤】

1. 儿童**体重指数**与**食管腺癌**风险的关系
2. 童年时期的**身高增加**与**前列腺癌死亡**的风险
3. 儿童与成人**身高**和**前列腺癌**的风险
4. 早期生命危险因素与**睾丸癌**的关系
5. 儿童**身高**与成年期**黑色素瘤**的形态学关系
6. 儿童**体重指数**和生长轨迹与**子宫内膜癌**的关系
7. 儿童**体重指数**和**身高**与**子宫内膜癌**的关系

【糖尿病】

1. **出生季节性**与成人**2型糖尿病**的关系
2. **出生体重**与成人**2型糖尿病**的关系
3. 7-13岁**身高**与成人期**2型糖尿病**的关系
4. 儿童**体重指数**与成年后**2型糖尿病**的关系
5. 新生儿**维生素D**与未来**1型糖尿病**风险无关

【其他】

1. 儿童**体重指数**与成年**非酒精性脂肪肝**
2. 儿童**体重指数**变化与成人**缺血性卒中**
3. **出生体重**差异的决定因素研究
4. 新生儿**维生素D**与7岁**超重**风险的关系
5. 7~69岁的**体重指数**



发表论文情况 2015-2017年 17篇 SCI IF=86.2分

影响因子				...	▲	作者	标题	来源
2.376						2015 Zimmer.	Body mass index in school-aged children and the risk of routinely diagnosec	BMJ Open
2.376						2015 Jensen,...	Comparison of birth weight between school health records and medical birt	BMJ Open
5.416						2015 Cook, ...	Childhood body mass index in relation to future risk of oesophageal adenoc	British Journal of Cancer
6.680						2015 Aarestr..	Childhood height increases the risk of prostate cancer mortality	European Journal of Cancer
7.113						2015 Jensen,...	No evidence of seasonality of birth in adult type 2 diabetes in Denmark	Diabetologia
7.199						2015 Zimmer.	Sex Differences in the Association Between Birth Weight and Adult Type 2 Di	Diabetes
2.300						2016 Bjerreg..	Childhood height, adult height, and the risk of prostate cancer	Cancer Causes & Control
4.514						2016 Aarestr..	Childhood body mass index and height and risk of histologic subtypes of en	Int J Obes (Lond)
4.514						2016 Aarestr..	Tracking of body mass index from 7 to 69 years of age	Int J Obes (Lond)
6.680						2016 Meyle, ...	Associations between childhood height and morphologically different variants of...	European Journal of Cancer
7.113						2016 Jacobs...	Neonatal vitamin D status is not associated with later risk of type 1 diabetes:	Diabetologia
2.653						2017 Jensen,...	Neonatal Vitamin D Levels in Relation to Risk of Overweight at 7 Years in the	Obes Facts
2.681						2017 Bjerreg..	Height at Ages 7-13 Years in Relation to Developing Type 2 Diabetes Throug	Paediatr Perinat Epidemiol
3.298						2017 Piltoft, ..	Early life risk factors for testicular cancer: a case-cohort study based on the	Acta Oncol
3.969						2017 Zimmer.	Childhood body mass index and development of type 2 diabetes throughout	Obesity (Silver Spring)
4.982						2017 Aarestr..	Childhood body mass index growth trajectories and endometrial cancer ris..	International Journal of Cancer
12.321						2017 Gjørde..	Association of Childhood Body Mass Index and Change in Body Mass Index \	JAMA Neurology

▶ 体重和体重的变化

1. 儿童**体重指数**与**1型糖尿病**
2. 从儿童期到成年期的**超重变化**和**2型糖尿病**的风险
3. 婴儿期**母乳喂养时间**与成人**2型糖尿病**
4. **出生体重**与**卵巢癌**和**子宫内膜癌**的组织学亚型风险
5. 男性**体重状况的改变**：从儿童期到成年早期和成年晚期
6. 儿童**身高和成长**与**第一次缺血性中风或脑出血**的关系
7. 成年儿童**体重指数**与**炎症性肠病**
8. 我们是否正在更好地定义**儿童肥胖**？
9. 成人**体重指数**，水平和变化与成人**房颤和房扑**风险的关系
10. 葡萄糖稳态的健康衰老的生命过程生物-心理社会模型
11. 从儿童期开始的**体重指数变化**和成人**心血管疾病**的风险
12. 出生体重、儿童超重、身高生长和成年**癌症**风险



发表论文情况 2018-2020年 12篇 SCI IF=123.3分

影响因子				...	作者	标题	来源
3.347				2018	Antvor...	Childhood body mass index in relation to subsequent risk of type 1 diabetes	Pediatric Diabetes
4.393				2018	Trabert..	Birth weight and the risk of histological subtypes of ovarian and endometria	Gynecologic Oncology
4.514				2018	Jensen,..	Change in weight status from childhood to early adulthood and late adultho	Int J Obes (Lond)
6.046				2018	Gjærde..	Childhood Stature and Growth in Relation to First Ischemic Stroke or Intrace	Stroke
6.133				2018	Rasmus..	Antibiotic exposure in early life and childhood overweight and obesity: A sy:	Diabetes Obes Metab
10.241				2018	Jensen,...	Childhood body mass index and risk of inflammatory bowel disease in adulthood:...	Am J Gastroenterol
70.670				2018	Bjerreg...	Change in Overweight from Childhood to Early Adulthood and Risk of Type 2 Dia...	N Engl J Med
				2019	Bjerreg..	Are we approaching a better definition of childhood obesity?	Lancet Child Adolesc Health
3.305				2019	Bjerreg..	Breastfeeding duration in infancy and adult risks of type 2 diabetes in a high	Matern Child Nutr
4.473				2019	Adelbo..	Levels of and Changes in Childhood Body Mass Index in Relation to Risk of A	Am J Epidemiol
7.339				2019	Sebert, .	Cohort Profile: The DynaHEALTH consortium - a European consortium for a l	Int J Epidemiol
4.462				2020	Bjerreg..	Change in body mass index from childhood onwards and risk of adult cardiac	Trends Cardiovasc Med
4.514				2020	Aarestr..	Birthweight, childhood overweight, height and growth and adult cancer risk	Int J Obes (Lond)

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