

H.L. AANNING MD LLC
Medical/Surgical Consultants
Member AMA and FACS

Curriculum Vitea

- **Awards:**
 - *Distinguished Service Award* by the South Dakota State Medical Association in 2010.
 - *Anton Hyden Memorial Distinguished Professor Award* by the medical students at USDSM in 1989.
 - *Chester B. McVay Award* - I have mentored four students who have each won the Chester B. McVay Awards (awarded annually for surgical research paper by South Dakota Chapter American College of Surgeons to a USDSM medical student):
 - **2010** – Andrew Van Osdol: “A Cause of Running Suture Failure: Stress-Induced Fractures at the Squared Knot” (published)
 - **2004** – Jeremy Kudera: “Damage Control for Blunt Hepatic Trauma” [published]
 - **2003** – Cory Wulf: “Square Not A Running Knot” [published]
 - **2002** – Robert Doohen: “Appendiceal Colic: A Rare Complication of Colonoscopy” [published]
- **We have published 10 research publications in peer-reviewed journals with the medical students:**
 1. HL Aanning, C Allamargot, BE Becker, TH Howard, ML Likness, CE Merkwan, A Van Osdol, D Tarver. *Running Sutures Anchored with Square Knots are Unreliable*. American Journal of Surgery (accepted for publication: in press at American Journal of Surgery).
 2. HL Aanning MD FACS, Tara Haas MD, David R Jorgensen MD, Corey A Wulf MD. *Square Not a Running Knot*. J Am Coll Surg 2007;204:422-425.

3. A Magnuson, H Reber, P Reyna, D Ries, HL Aanning. *Infarcted epiploic appendage of the vermiform appendix masquerading as acute appendicitis*. SD J Med. 2006;59:511-13.
4. JS Kudera, HL Aanning. *Damage control for blunt hepatic trauma: case presentation and historical review*. SD J Med. 2004;57:449-53.
5. RR Doohen, HL Aanning. *Appendiceal colic: a rare complication of colonoscopy*. SD J Med. 2002;55:526-7.
6. Brian Baschnagel, Meg Hansen, HL Aanning. *Outpatient laparoscopic cholecystectomy: experience of a non-overnight surgicenter*. J Laparoendosc Adv Surg Tech. 2000;10:305-307.
7. F Coughlin, HL Aanning. *Delayed presentation of splenic trauma following colonoscopy*. SD J Med. 1997;50:325-6.
8. David Reitter, HL Aanning. *Chronic Acalculous Cholecystitis: Reproduction Of Pain With Cholecystokinin And Relief of Symptoms With Cholecystectomy*. SD J Med 1999;52:197-200. This paper described our first 24 patients and has been cited in 10 subsequent publications. The results of this early research helped the acceptance of the kinevac challenge test – especially in South Dakota.
9. BP White, HL Aanning. *Overwhelming Postsplenectomy Sepsis Twenty-two Years After*. SD J Med. 1991;44:317-20.
10. KA Mills, HL Aanning. *Parathyroid cyst: case report of a rare surgical lesion of the neck*. SD J Med. 1990;43:15-17.

• ***Additionally, I have published the following:***

1. H.L. Aanning. *Computed Tomography and Ventral Hernia Recurrence* (Comment). JAMA Surg. 2016;151: (on line)
2. HL Aanning. *Negative appendectomy and perforation rates in the SCOAP trial*. Ann Surg. 2009;249:699.
3. HL Aanning. *Nonperforating versus perforating appendicitis*. Ann Surg. 2008;247:594.
4. HL Aanning. *Transumbilical incision for appendectomy*. Surgical Rounds. 2000;23:203. This incision is now used for the SILS procedure (single incision laparoscopic surgery!)

- ***We have presented research studies at the annual meetings of the South Dakota Chapter of the American College of Surgeons:***
 1. HL Aanning. *Operative Imaging: the Controversy and a Pre-Emptive Solution.* SD and ND Chapters of the American College of Surgeons 2016 Annual Meeting, Watertown, SD.
 2. Stacy Wempe and H.L. Aanning. *Unsuspected Lemierre syndrome in a post-tonsillectomy patient with fatal outcome: another case report.* SD and ND Chapters of the American College of Surgeons 2013 Annual Meeting, Bismark, ND.
 3. Abby M. Lichter and H.L. Aanning. *Salvaging injured spleens in the pre-antibiotic years from 1900 to 1940: a historical review of brilliant but ignored surgical pioneers.* SD and ND Chapters of the American College of Surgeons 2013 Annual Meeting, Bismark, ND.
 4. M. Hanson, M. Schuneman and HL Aanning. *Transumbilical incision for open appendectomy: experience with 237 pediatric patients.* SD and ND Chapters of the American College of Surgeons 2004 Annual Meeting Spearfish, SD.
 5. David Reitter and HL Aanning. *Kinevac and Acalculous Cholecystitis.* SD Chapter of the American College of Surgeons 1995 Annual Meeting, Sioux Falls, SD.

- ***We have presented the following poster sessions with the students at national meetings of the American College of Surgeons and the Southwestern Surgical Congress and have provided travel and hotel funds to those students on limited budgets:***
 1. HL Aanning, GR Cox, KJ Mayclin, KB McCollister, DFK Neilson, PM Schneider.
 - *Chronic Acalculous Cholecystitis: Reproduction Of Pain With Cholecystokinin And Relief of Symptoms With Cholecystectomy – a 15-Year Experience With Over 300 Patients.*
Poster Abstract presented at 60th Annual Meeting, The Southwestern Surgical Congress, Acapulco Mexico, March 30-April 2, 2008.
 2. HL Aanning, BE Becker, TH Howard, MM Likness, CE Merkwon, DD Tarver.
 - *The Weakest Link in Running Suture Closures: The Square Knot.*

Poster Abstract presented at the 59th Annual Meeting, The Southwestern Surgical Congress, Rancho Mirage, California, March 25-28, 2007.

3. Nathaniel T Johnson, Julie Kahl, Kelly Larson, Tricia Lawrence and HL Aanning.
 - *Transumbilical Appendectomy in the Pediatric Patient.*

Poster Abstract presented at the 57th Annual Meeting, The Southwestern Surgical Congress, San Antonio, Texas, April 10-12, 2005.

4. Rob Doohen, AJ Hansen, Larry Rasmussen and HL Aanning:
 - *Chronic Acalculous Cholecystitis: Role of the Kinevac Challenge Test.*
 - *Appendiceal Fecalith: A Cause of Abdominal Pain Resolved with Appendectomy.*

Poster exhibits (2) at the 87th Annual Clinical Congress, New Orleans, Louisiana, October 10-13, 2001

5. Chris Haas, Terri Preston, Tara Lursen (now Haas), David Reitter and HL Aanning:
 - *Outpatient Laparoscopic Cholecystectomy on Medicare Patients in a Community Hospital*
 - *Square Not a Running Knot*
 - *Laparoscopic Port Placement via Transumbilical Incision*

Poster Exhibits (3) at 86th Annual Clinical Congress, Chicago Illinois, October 22-27, 2000

6. Tara Kramer, Stacie Johnson, Josette S Boesch (now Lindahl), Lisa Miller, Heather Longval, Eric Thomas, Julie Heaton, HL Aanning.
 - *Transumbilical Incision for Appendectomy in 128 Pediatric Patients.*
 - *Chronic Acalculous Cholecystitis: Reproduction of Pain with Cholecystokin and Relief of Symptoms with Cholecystectomy – A 7-Year Experience (112 Patients).*

Poster Exhibits (2) presented at the 85th Annual Clinical Congress, San Francisco, California, October 10-15, 1999

7. HL Aanning
 - *Transumbilical Incision for Open Appendectomy.*

Poster Exhibit presented at the 94th Annual Clinical Congress, Orlando, Florida, October 1998.

8. Previous research publications:

[http://www.ncbi.nlm.nih.gov/sites/entrez?cmd=search&db=PubMed&term=%20Aanning%20BHL\[auth\]](http://www.ncbi.nlm.nih.gov/sites/entrez?cmd=search&db=PubMed&term=%20Aanning%20BHL[auth]) (website address)



12. [Physical and chemical properties of the bovine neurophysins.](#)

Breslow E, Aanning HL, Abrash L, Schmir M.

J Biol Chem. 1971 Sep 10;246(17):5179-88. No abstract available.

PMID: 5094666 [PubMed - indexed for MEDLINE]

[Related citations](#)

13. [Synthesis of the parallel dimer of oxytocin.](#)

Aanning HL, Yamashiro D.

J Am Chem Soc. 1970 Aug 26;92(17):5214-6. No abstract available.

PMID: 5432665 [PubMed - indexed for MEDLINE]

[Related citations](#)

14. [Role of Zn\(II\) in the mitochondrial swelling action of insulin.](#)

Cash WD, Aanning HL, Carlson HE, Cox SW, Ekong EA.

Arch Biochem Biophys. 1968 Nov;128(2):456-9. No abstract available.

PMID: 5698032 [PubMed - indexed for MEDLINE]

[Related citations](#)

15. [A synthesis of \[1-\(N-methyl-hemi-L-cystine\)\]-oxytocin and a study of its reaction with acetone.](#)

Yamashiro D, Aanning HL, Branda LA, Cash WD, Murti VV, du Vigneaud V.

J Am Chem Soc. 1968 Jul 17;90(15):4141-4. No abstract available.

PMID: 5655880 [PubMed - indexed for MEDLINE]

[Related citations](#)

16. [Inactivation of lysine-vasopressin by acetone.](#)

Yamashiro D, Havran RT, Aanning HL, Du Vigneaud V.

Proc Natl Acad Sci U S A. 1967 Apr;57(4):1058-61. No abstract available.

PMID: 5231345 [PubMed - indexed for MEDLINE]

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[Related citations](#)

17. [Inactivation of oxytocin by acetone.](#)

Yamashiro D, Aanning HL, Du Vigneaud V.

Proc Natl Acad Sci U S A. 1965 Jul;54(1):166-71. No abstract available.

PMID: 5216348 [PubMed - indexed for MEDLINE]

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[Related citations](#)

- We have attended an annual Surgical Grand Rounds at UNMC (Omaha, Nebraska) with groups of students, such as the Paul E. Hodgson Visiting Professor Lecture “Surgical Leadership: Lessons Learned” by Layton F. Ridders MD, Chairman, Department of Surgery, University of Wisconsin, at University of Nebraska Medical Center, Omaha Nebraska, May 28, 2008 with five medical students from the Yankton campus. We then split up to visit with different residency programs at UNMC. ***We have done this on an almost annual basis for the past 25 years.*** In the past we have also visited the burn centers in Lincoln, Nebraska, and Sioux City, Iowa.

Summarizing: Over 40 medical and PA students have authored papers or posters with me.

My memberships have included:

- American Medical Association
 - President of District 8 SDSMA (2003-2010)
- Fellow of the American College of Surgeons
- Southwester Surgical Congress
 - South Dakota Councilor 2009-2013
- Sigma Xi (research honorary)
- Association of Military Surgeons of the United States
- Military Service: LCDR USNR active service as general surgeon (1981-1983)
- South Dakota Foundation for Medical Care
 - Board of Directors 2003-2007
- South Dakota Foundation for Medical Care
 - Chart Reviewer 1996-2008
- South Dakota BCBS Committee on Therapeutics
- Society of Laparoendoscopic Surgeons
- Association of Military Surgeons of the United States
- Sons of Norway
- Rotary
 - Paul Harris Fellow 2008
- American College of Physician Executives
- Yankton County Historical Society – past Board Member

Educational background:

- Born in Stavanger, Norway 1939 (USA citizen)
- Brooklyn Technical High School 1957
- Cornell University AB 1962
- University of Nebraska Medical Center MD 1976
- University of Nebraska Medical Center Residency in General Surgery 1981
- US Navy Lieutenant Commander Medical Corps 1981-1983 as general surgeon at US Naval Hospital [Oak Knoll] in Oakland, CA
- Yankton Medical Clinic – Staff Surgeon 1983–2009
- Clinical Associate Professor Surgery USDSSM (Yankton campus) 1983-2009
- Private practice in Yankton and Springfield SD 2009-2011 (now retired)
- Medical/Surgical Consultant for Aanning LLC since 2009
- Medical Director of Autumn Winds Hospice in Yankton SD, 2011-2013
- Board Certification in Surgery – valid until 2016 (have retired from surgical practice)
- SD License – valid until 2017