



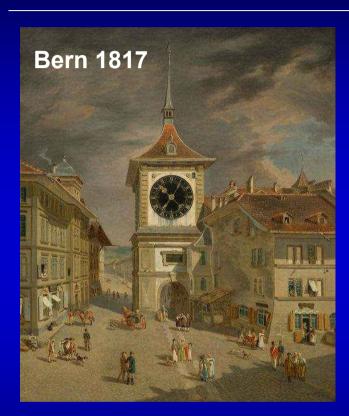
Heilige Allianz (Holy Alliance)



Kaiser Alexander I. von Russland Kaiser Franz I. von Österreich König Friedrich Wilhelm III. von Preußen

Alliance of Prussia, Austria and Russia after defeating Napoléon Bonaparte, signed in 1815

Switzerland joined the Holy Alliance in Bern in January 1817, 200 years ago



Switzerland joined the Holy Alliance in Bern on January 27, 1817

Ertlärung über die Bustimmung ber Schweizerischen Gidgenoffenschaft zu ben Grundsäten bes bruberlichen und driftlichen Bundes, vom 27. Jenner 1817.

Die Schweizerische Gidgenoffenschaft, welche von Er. Maj. dem Raiser aller Reugen eingeladen worden ift, dem zu Paris am 26./14. Berbftmonath 1815, zwischen Gr. Maj. dem Raiser von Rufland und 33. MM. de, Raifer von Desterreich und dem König von Preußen abgeschlossenen brüderlichen und driftlichen Bündnisse benzutreten, buldigt dem religiösen und moralischen Geist dieses Vertrages, deffen erhabener Zwed dahin geht, den Frieden und das Blüd der Bolfer zu fichern. Die Schweizer, den Grundfaten Ihrer Bater getreu, tragen eben fo viel Achtung für die Rechte anderer Staaten, und lassen sich eben so angelegen senn, mit allen das befte Einverständnis ju unterhalten, als Sie felbst auf den ruhigen Genuß der Frenheit, der Unabhängigkeit und der Ihnen so wichtigen Neutralität, welche die letten europäischen Staatsperhandlungen Ihnen neuerdings zusicherten, den größten Wert legen. Die Gidgenoffenschaft, welche in dem Bundes-Vertrag der Allerhöchsten Sofe, wovon Se. Maj. ber Raifer von Rukland fie in Kenntnis feten ließ, eine neue Gemahrleiftung diefer für Gie unschätbar großen Güter findet, stellt die Erklärung aus: daß auch Sie die Grundfate dieses Bündniffes als vorzüglich beilsam und unentbehrlich für das Glüd der Nationen anerkennt, und daß Sie dieselben Ihrerseits nach dem mahren Geifte der driftlichen Religion, die den Regierungen sowohl als den einzelnen Menschen Gerechtigfeit, Eintracht und gegemeitige Liebe zur Bilicht mucht, getreu beobachten mird.

Bu dessen Urkunde haben Wir Schultheiß und Räthe der Stadt ind Republik Bern, als Eidgenössischer Borort, gegründet auf die verfassungsmäßige Zustimmung der Stände der Eidgenossenschaft, Gegenwärtiges unterzeichnen und besiegeln lassen, in Bern den 27. Jenner im Jahr ein Tausend acht Hundert und siedzehn.

Schultheiß und Räthe der Stadt und Republik Bern, als Eidgenössischer Vorort und in deren Namen

Der Amtsschultheiß.

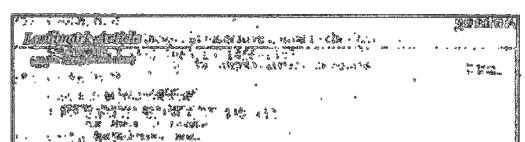
Der Kanzler der Eidgenoffenschaft, Mouffon.

Immunosuppression and Surgery in Crohn's Disease

- Surgery in Crohn's disease
- Safety of peri-operative immunosuppression
- Efficacy of immunosuppression preventing postsurgical recurrence of Crohn's disease
- Role of biomarkers predicting the postsurgical recurrence of Crohn's disease

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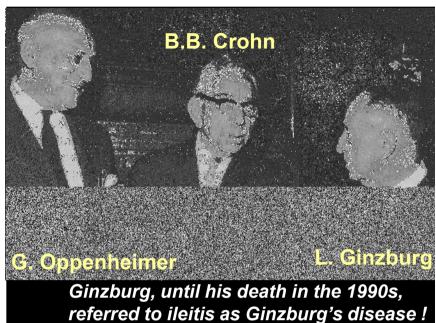
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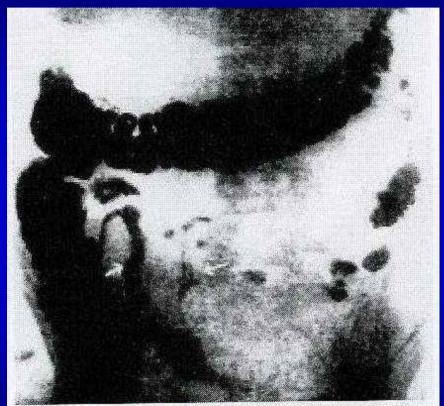
Cat 18. 1915 - Carlo at all



New York 1932



Therapy of Crohn's disease in 1932



Roentgenogram of the barium meal given by mouth, showing regional ileitis. Note the extent of the strictured area.

JAMA 1932; 99:1323-1329.

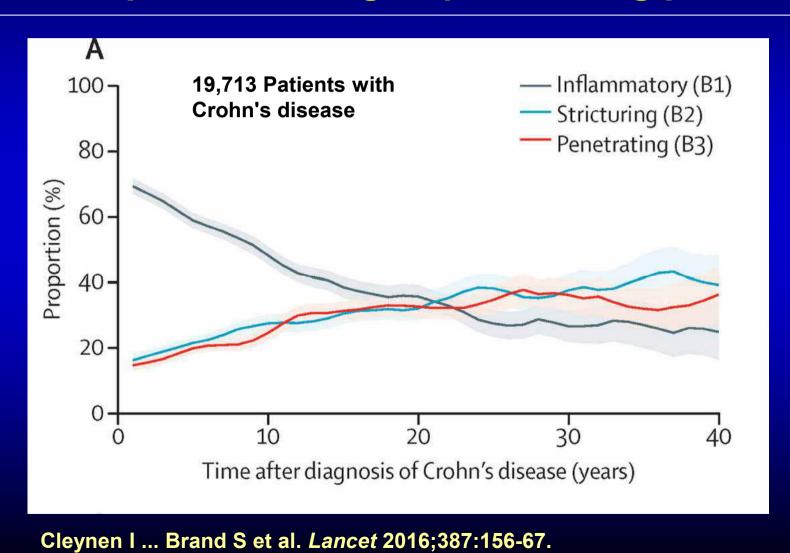
"Medical treatment is purely palliative and supportive...

...the proper approach to a complete cure is by surgical resection of the diseased segment..."

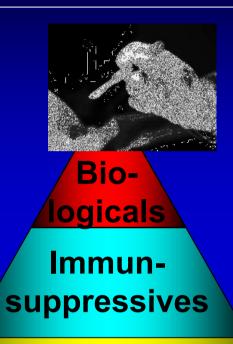
B. Crohn:

83th Annual Session of the American Medical Association New Orleans, May 13, 1932.

Largest study ever undertaken regarding the CD phenotype: At least two thirds of patients will develop a stricturing or penetrating phenotype



When surgery in IBD?

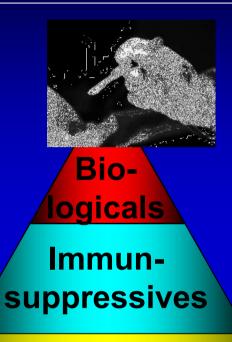


- Fibrostenotic strictures
- Very severe perianal fistulizing CD (protective ileostomy)
- Colorectal carcinoma, high-grade dysplasia
- Toxic megacolon
- **Corticosteroids**
- Refractory ulcerative colitis

5-ASA

- Abscess

Are there alternatives to surgery?



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- Very severe perianal fistulizing CD (protective ileostomy)
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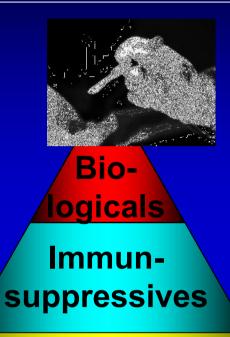
Ballon dilatation for stenotic Crohn's disease







Are there alternatives to surgery?

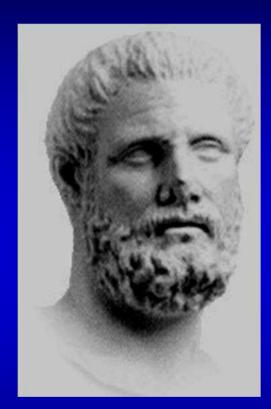


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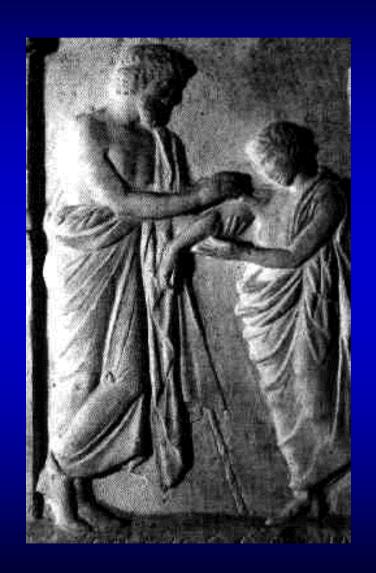
5-ASA

- Abscess

"Ubi pus ibi incisio et evacuo"

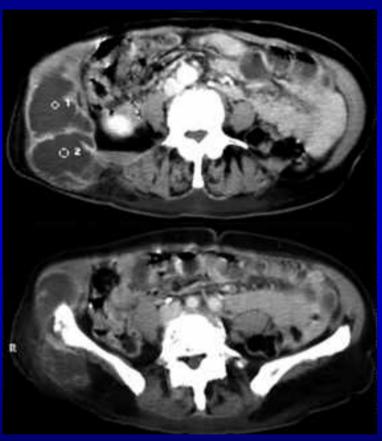


Hippocrates (460-377 BC)

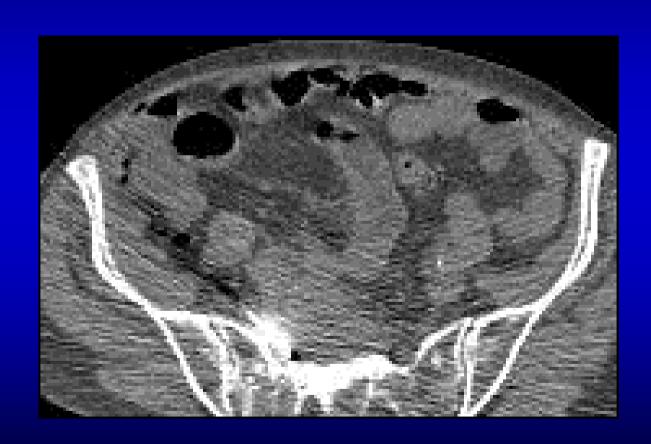


CT-guided abscess drainage





CT-guided abscess drainage



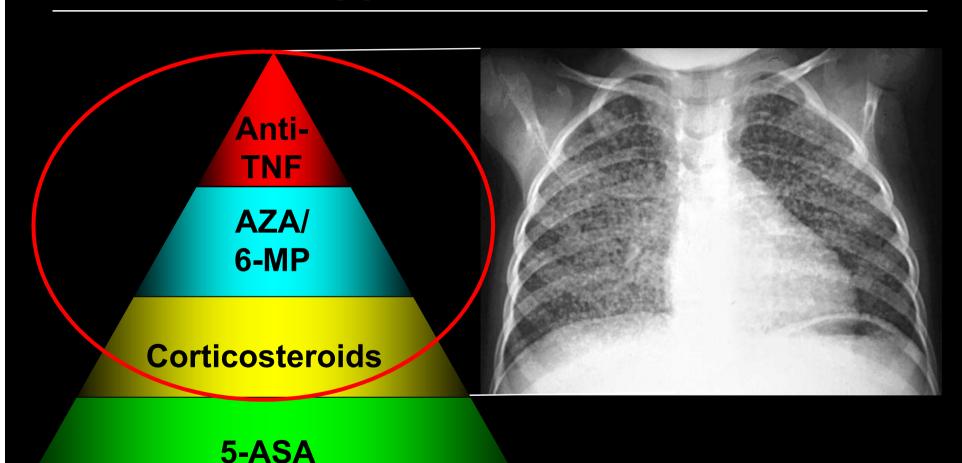
Summary (1): Surgery in Crohn's Disease

- Approximately 50% of CD patient still require surgery (mainly ileocecal resection)
- Postoperatively, there is a high recurrence rate of CD

Immunosuppression and Surgery in Crohn's Disease

- Surgery in Crohn's disease
- Safety of peri-operative immunosuppression
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Problem of current immunosuppressive therapy: unspecific, resulting in increased rate of opportunistic infections



Preoperative corticosteroids and postoperative complications

Anti-

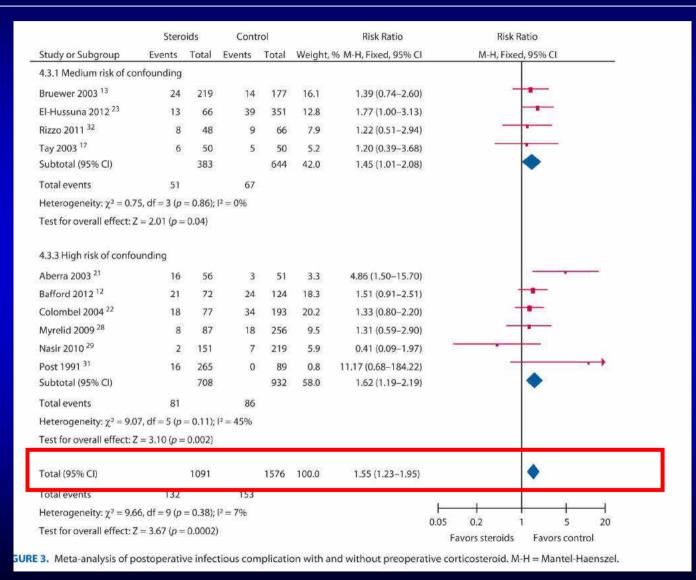
AZA/ 6-MP

Corticosteroids

Corticosteroids

5-ASA

Meta-analysis of postoperative complications with preoperative corticosteroids: Increased risk

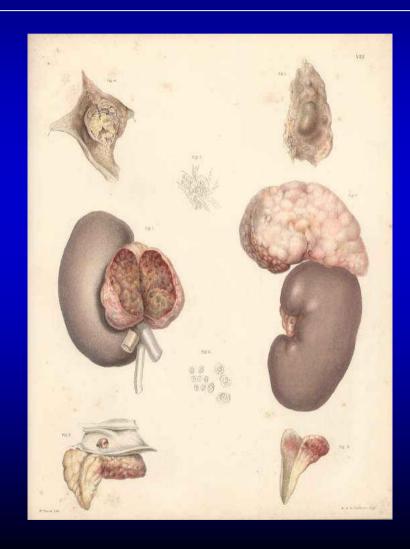


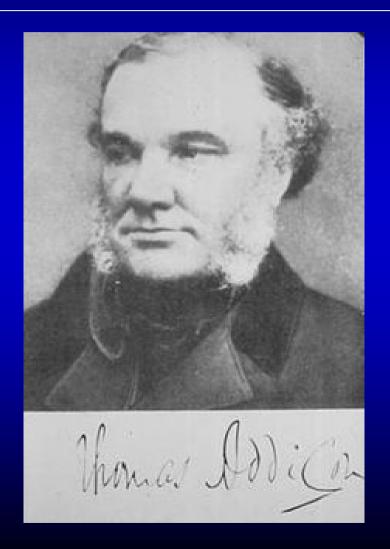
Ahmed Ali U et al. Dis Colon Rectum 2014;57:663-74.

No maintenance therapy with steroids! Side effects of steroids



Thomas Addison (1855) On the constitutional and local effects of disease of the supra-renal capsules





Long-term treatment with steroids results in adrenal insufficiency: Stress dose during surgery

- First report of iatrogenic adrenal insufficiency (1952)
- High-dose or "stress-dose" glucocorticoids in the perioperative period (1953)

Management of adrenal insufficiency during surgery

(1955)



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Management of Adrenocortical Insufficiency

During Surgery

JAMES A. NICHOLAS, M.D.
CHARLES L. BURSTEIN, M.D.
CHARLES J. UMBERGER, Ph.D.
and
PHILIP D. WILSON, M.D., New York

The data on three of these patients are being presented in this paper to illustrate the methods whereby we managed the problems.

One patient had been receiving intensive hydrocortisone therapy for rheumatoid arthritis when he developed acute appendicitis. A second patient had suppressed adrenocortical function produced by cortisone therapy for pemphigus, and he required an elective

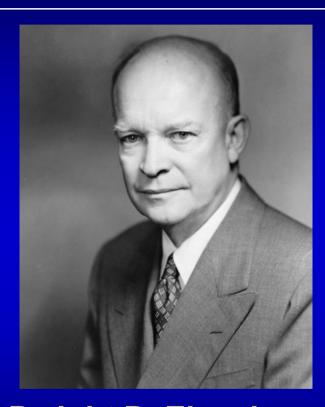
Case 3.—Example of a Patient with Adrenal Insufficiency Due to Addison's Disease Requiring Elective Surgery †

A man 37 years of age had Addison's disease for seven years. He had been managed fairly successfully for several years on a program of desoxycorticosterone acetate pellets of 150 mg.

implanted every three months and cortisone in doses of 25 mg. daily orally. Owing to a back injury, he had a great deal of pain which interfered with his daily routine. Orthopedic consultation suggested that he might be helped by a lumbosacral fusion together with a sacroiliac fusion. Because of the severe degree of trauma involved in these operations and because of the patient's adrenocortical insufficiency due to Addison's disease, it was deemed dangerous to proceed with these operations. However, since this young man would become incapacitated without surgical intervention, it was decided, reluctantly, to perform the operations by doing the two different procedures at different times if necessary and by having a team versed in endocrinology and surgical physiology help in the management of this patient before, during, and after the operation.



U.S. American presidents: susceptible to IBD



Dwight D. Eisenhower
34th U.S. President
Crohn's disease, ileal stenosis:
1956 Ileotransversotomy



John F. Kennedy 35th U.S. President 1934 chronic colitis (DDx: UC) diagnosed at Mayo Clinic Addison disease 1947

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March 20, 1953

Re: Senator John Kennedy 16789

Dr. William P. Herbst Jr. 1801 Eye Street N.W., Washington 6, D. C.

Dear Dr. Herbst:

I have recently suggested to Senator John Kennedy of Boston, Mass., that he consult you sometime in the near future and wanted to give you a little of the background.

Senator Kennedy has been a putient of the Lahey Clinic at intervals since 1936, and has had quite a variety of conditions. The most serious of these has been Addison's disease which was first discovered and treatment instituted in October of 1947. He has been doing well in regard to this condition. He also has had recurrent back pain. A herniated intervertebral disc, L-5, was removed in 1944, by Dr. James Poppen.

When he was in Boston last week, his medical condition was checked by Dr. Elmer Bartels who has been following his Addison's disease since it was first discovered. He felt that he was getting along satisfactorily and plans to implant further pellets of Doca on April 10th. He is taking cortisone daily.

With best wishes, I remain

Very truly yours,

Vernon S. Dick, M. D.

March 20, 1953

Addison's disease which was first discovered and treatment instituted in October of 1947...

..his Addison's disease.. He is taking cortisone daily... "I never had the matter to which you referred, Addison disease."

New York Times, November 10, 1960, p. 37.



