**Differential diagnosis abdominal pain**

The most frequent causes of abdominal pain are [gastroenteritis](https://en.wikipedia.org/wiki/Gastroenteritis) (13%), [irritable bowel syndrome](https://en.wikipedia.org/wiki/Irritable_bowel_syndrome) (8%), urinary tract problems (5%), [inflammation of the stomach](https://en.wikipedia.org/wiki/Gastritis) (5%) and [constipation](https://en.wikipedia.org/wiki/Constipation) (5%). In about 30% of cases, the cause is not determined. About 10% of cases have a more serious cause including gallbladder (stones or [biliary dyskinesia](https://en.wikipedia.org/wiki/Biliary_dyskinesia)) or [pancreas](https://en.wikipedia.org/wiki/Pancreas) problems (4%), [diverticulitis](https://en.wikipedia.org/wiki/Diverticulitis) (3%), [appendicitis](https://en.wikipedia.org/wiki/Appendicitis) (2%) and [cancer](https://en.wikipedia.org/wiki/Cancer) (1%).[[1]](https://en.wikipedia.org/wiki/Abdominal_pain#cite_note-Vin2014-1) More common in those who are older, [mesenteric ischemia](https://en.wikipedia.org/wiki/Mesenteric_ischemia) and [abdominal aortic aneurysms](https://en.wikipedia.org/wiki/Abdominal_aortic_aneurysm) are other serious causes.[[2]](https://en.wikipedia.org/wiki/Abdominal_pain#cite_note-2)

A more extensive list includes the following:

* Gastrointestinal
  + GI tract
    - Inflammatory: [gastroenteritis](https://en.wikipedia.org/wiki/Gastroenteritis), [appendicitis](https://en.wikipedia.org/wiki/Appendicitis), [gastritis](https://en.wikipedia.org/wiki/Gastritis), [esophagitis](https://en.wikipedia.org/wiki/Esophagitis), [diverticulitis](https://en.wikipedia.org/wiki/Diverticulitis), [Crohn's disease](https://en.wikipedia.org/wiki/Crohn%27s_disease), [ulcerative colitis](https://en.wikipedia.org/wiki/Ulcerative_colitis), [microscopic colitis](https://en.wikipedia.org/wiki/Microscopic_colitis)
    - Obstruction: [hernia](https://en.wikipedia.org/wiki/Hernia), [intussusception](https://en.wikipedia.org/wiki/Intussusception_%28medical_disorder%29), [volvulus](https://en.wikipedia.org/wiki/Volvulus), post-surgical [adhesions](https://en.wikipedia.org/wiki/Adhesions), [tumours](https://en.wikipedia.org/wiki/Tumour), severe [constipation](https://en.wikipedia.org/wiki/Constipation), [hemorrhoids](https://en.wikipedia.org/wiki/Hemorrhoids)
    - Vascular: [embolism](https://en.wikipedia.org/wiki/Embolism), [thrombosis](https://en.wikipedia.org/wiki/Thrombosis), [hemorrhage](https://en.wikipedia.org/wiki/Hemorrhage), [sickle cell disease](https://en.wikipedia.org/wiki/Sickle_cell_disease), [abdominal angina](https://en.wikipedia.org/wiki/Abdominal_angina), blood vessel compression (such as celiac artery compression syndrome), [superior mesenteric artery syndrome](https://en.wikipedia.org/wiki/Superior_mesenteric_artery_syndrome), [Postural orthostatic tachycardia syndrome](https://en.wikipedia.org/wiki/Postural_orthostatic_tachycardia_syndrome)
    - [digestive](https://en.wikipedia.org/wiki/Digestion): [peptic ulcer](https://en.wikipedia.org/wiki/Peptic_ulcer), [lactose intolerance](https://en.wikipedia.org/wiki/Lactose_intolerance), [coeliac disease](https://en.wikipedia.org/wiki/Coeliac_disease), [food allergies](https://en.wikipedia.org/wiki/Food_allergies)
  + Glands
    - Bile system
      * Inflammatory: [cholecystitis](https://en.wikipedia.org/wiki/Cholecystitis), [cholangitis](https://en.wikipedia.org/wiki/Cholangitis)
      * Obstruction: [cholelithiasis](https://en.wikipedia.org/wiki/Cholelithiasis), [tumours](https://en.wikipedia.org/wiki/Tumour)
    - Liver
      * Inflammatory: [hepatitis](https://en.wikipedia.org/wiki/Hepatitis), [liver abscess](https://en.wikipedia.org/wiki/Liver_abscess)
    - Pancreatic
      * Inflammatory: [pancreatitis](https://en.wikipedia.org/wiki/Pancreatitis)
* Renal and urological
  + Inflammation: [pyelonephritis](https://en.wikipedia.org/wiki/Pyelonephritis), [bladder infection](https://en.wikipedia.org/wiki/Cystitis)
  + Obstruction: [kidney stones](https://en.wikipedia.org/wiki/Nephrolithiasis), [urolithiasis](https://en.wikipedia.org/wiki/Urolithiasis), [Urinary retention](https://en.wikipedia.org/wiki/Urinary_retention), [tumours](https://en.wikipedia.org/wiki/Tumour)
  + Vascular: [left renal vein entrapment](https://en.wikipedia.org/wiki/Left_renal_vein_entrapment)
* Gynaecological or obstetric
  + Inflammatory: [pelvic inflammatory disease](https://en.wikipedia.org/wiki/Pelvic_inflammatory_disease)
  + Mechanical: [ovarian torsion](https://en.wikipedia.org/wiki/Ovarian_torsion)
  + Endocrinological: [menstruation](https://en.wikipedia.org/wiki/Menstruation), [Mittelschmerz](https://en.wikipedia.org/wiki/Mittelschmerz)
  + Tumors: [endometriosis](https://en.wikipedia.org/wiki/Endometriosis), [fibroids](https://en.wikipedia.org/wiki/Fibroids), [ovarian cyst](https://en.wikipedia.org/wiki/Ovarian_cyst), [ovarian cancer](https://en.wikipedia.org/wiki/Ovarian_cancer)
  + Pregnancy: ruptured [ectopic pregnancy](https://en.wikipedia.org/wiki/Ectopic_pregnancy), [threatened abortion](https://en.wikipedia.org/wiki/Threatened_abortion)
* [Abdominal wall](https://en.wikipedia.org/wiki/Abdominal_wall)
  + muscle strain or trauma
  + muscular infection
  + [neurogenic](https://en.wikipedia.org/wiki/Neurogenic) pain: [herpes zoster](https://en.wikipedia.org/wiki/Herpes_zoster), [radiculitis](https://en.wikipedia.org/wiki/Radiculitis) in [Lyme disease](https://en.wikipedia.org/wiki/Lyme_disease), [abdominal cutaneous nerve entrapment syndrome](https://en.wikipedia.org/wiki/Nerve_compression_syndrome#Lower_limb.2C_abdomen_and_pelvis) (ACNES), [tabes dorsalis](https://en.wikipedia.org/wiki/Tabes_dorsalis)
* [Referred pain](https://en.wikipedia.org/wiki/Referred_pain)
  + from the [thorax](https://en.wikipedia.org/wiki/Thorax): [pneumonia](https://en.wikipedia.org/wiki/Pneumonia), [pulmonary embolism](https://en.wikipedia.org/wiki/Pulmonary_embolism), [ischemic heart disease](https://en.wikipedia.org/wiki/Ischemic_heart_disease), [pericarditis](https://en.wikipedia.org/wiki/Pericarditis)
  + from the [spine](https://en.wikipedia.org/wiki/Vertebral_column): [radiculitis](https://en.wikipedia.org/wiki/Radiculitis)
  + from the [genitals](https://en.wikipedia.org/wiki/Genitals): [testicular torsion](https://en.wikipedia.org/wiki/Testicular_torsion)
* [Metabolic disturbance](https://en.wikipedia.org/wiki/Metabolic_disturbance)
  + [uremia](https://en.wikipedia.org/wiki/Uremia), [diabetic ketoacidosis](https://en.wikipedia.org/wiki/Diabetic_ketoacidosis), [porphyria](https://en.wikipedia.org/wiki/Porphyria), [C1-esterase inhibitor deficiency](https://en.wikipedia.org/wiki/C1-esterase_inhibitor_deficiency), adrenal insufficiency, [lead poisoning](https://en.wikipedia.org/wiki/Lead_poisoning), [black widow spider](https://en.wikipedia.org/wiki/Latrodectus) bite, [narcotic](https://en.wikipedia.org/wiki/Narcotic) [withdrawal](https://en.wikipedia.org/wiki/Drug_withdrawal)
* Blood vessels
  + [aortic dissection](https://en.wikipedia.org/wiki/Aortic_dissection), [abdominal aortic aneurysm](https://en.wikipedia.org/wiki/Abdominal_aortic_aneurysm)
* Immune system
  + [sarcoidosis](https://en.wikipedia.org/wiki/Sarcoidosis)
  + [vasculitis](https://en.wikipedia.org/wiki/Vasculitis)
  + [familial Mediterranean fever](https://en.wikipedia.org/wiki/Familial_Mediterranean_fever)
* Idiopathic
  + [irritable bowel syndrome](https://en.wikipedia.org/wiki/Irritable_bowel_syndrome) (affecting up to 20% of the population, IBS is the most common cause of recurrent, intermittent abdominal pain)

Non surgical causes:

* [Metabolic disturbance](https://en.wikipedia.org/wiki/Metabolic_disturbance)
  + [uremia](https://en.wikipedia.org/wiki/Uremia),
  + [diabetic ketoacidosis](https://en.wikipedia.org/wiki/Diabetic_ketoacidosis),
  + [porphyria](https://en.wikipedia.org/wiki/Porphyria),
  + [C1-esterase inhibitor deficiency](https://en.wikipedia.org/wiki/C1-esterase_inhibitor_deficiency)
  + , adrenal insufficiency,
  + [lead poisoning](https://en.wikipedia.org/wiki/Lead_poisoning),
  + [black widow spider](https://en.wikipedia.org/wiki/Latrodectus) bite,
  + [narcotic](https://en.wikipedia.org/wiki/Narcotic) [withdrawal](https://en.wikipedia.org/wiki/Drug_withdrawal)
* Immune system
  + [sarcoidosis](https://en.wikipedia.org/wiki/Sarcoidosis)
  + [vasculitis](https://en.wikipedia.org/wiki/Vasculitis)
  + [familial Mediterranean fever](https://en.wikipedia.org/wiki/Familial_Mediterranean_fever)
* Idiopathic
  + [irritable bowel syndrome](https://en.wikipedia.org/wiki/Irritable_bowel_syndrome) (affecting up to 20% of the population, IBS is the most common cause of recurrent, intermittent abdominal pain)
* Gastrointestinal
  + GI tract
    - Inflammatory: [gastroenteritis](https://en.wikipedia.org/wiki/Gastroenteritis),
    - , [gastritis](https://en.wikipedia.org/wiki/Gastritis), [esophagitis](https://en.wikipedia.org/wiki/Esophagitis), [diverticulitis](https://en.wikipedia.org/wiki/Diverticulitis), [Crohn's disease](https://en.wikipedia.org/wiki/Crohn%27s_disease), [ulcerative colitis](https://en.wikipedia.org/wiki/Ulcerative_colitis), [microscopic colitis](https://en.wikipedia.org/wiki/Microscopic_colitis)
    - Vascular: [sickle cell disease](https://en.wikipedia.org/wiki/Sickle_cell_disease),
    - [digestive](https://en.wikipedia.org/wiki/Digestion): [peptic ulcer](https://en.wikipedia.org/wiki/Peptic_ulcer), [lactose intolerance](https://en.wikipedia.org/wiki/Lactose_intolerance), [coeliac disease](https://en.wikipedia.org/wiki/Coeliac_disease), [food allergies](https://en.wikipedia.org/wiki/Food_allergies)
  + Glands
    - Bile system
      * Inflammatory:, [cholangitis](https://en.wikipedia.org/wiki/Cholangitis)
    - Liver
      * Inflammatory: [hepatitis](https://en.wikipedia.org/wiki/Hepatitis),
    - Pancreatic
      * Inflammatory: [pancreatitis](https://en.wikipedia.org/wiki/Pancreatitis)
* Renal and urological
  + Inflammation: [pyelonephritis](https://en.wikipedia.org/wiki/Pyelonephritis), [bladder infection](https://en.wikipedia.org/wiki/Cystitis)
* Gynaecological or obstetric
  + Inflammatory: [pelvic inflammatory disease](https://en.wikipedia.org/wiki/Pelvic_inflammatory_disease)
  + Endocrinological: [menstruation](https://en.wikipedia.org/wiki/Menstruation), [Mittelschmerz](https://en.wikipedia.org/wiki/Mittelschmerz)
* [Abdominal wall](https://en.wikipedia.org/wiki/Abdominal_wall)
  + muscle strain or trauma
  + muscular infection
  + [neurogenic](https://en.wikipedia.org/wiki/Neurogenic) pain: [herpes zoster](https://en.wikipedia.org/wiki/Herpes_zoster), [tabes dorsalis](https://en.wikipedia.org/wiki/Tabes_dorsalis)
* [Referred pain](https://en.wikipedia.org/wiki/Referred_pain)
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