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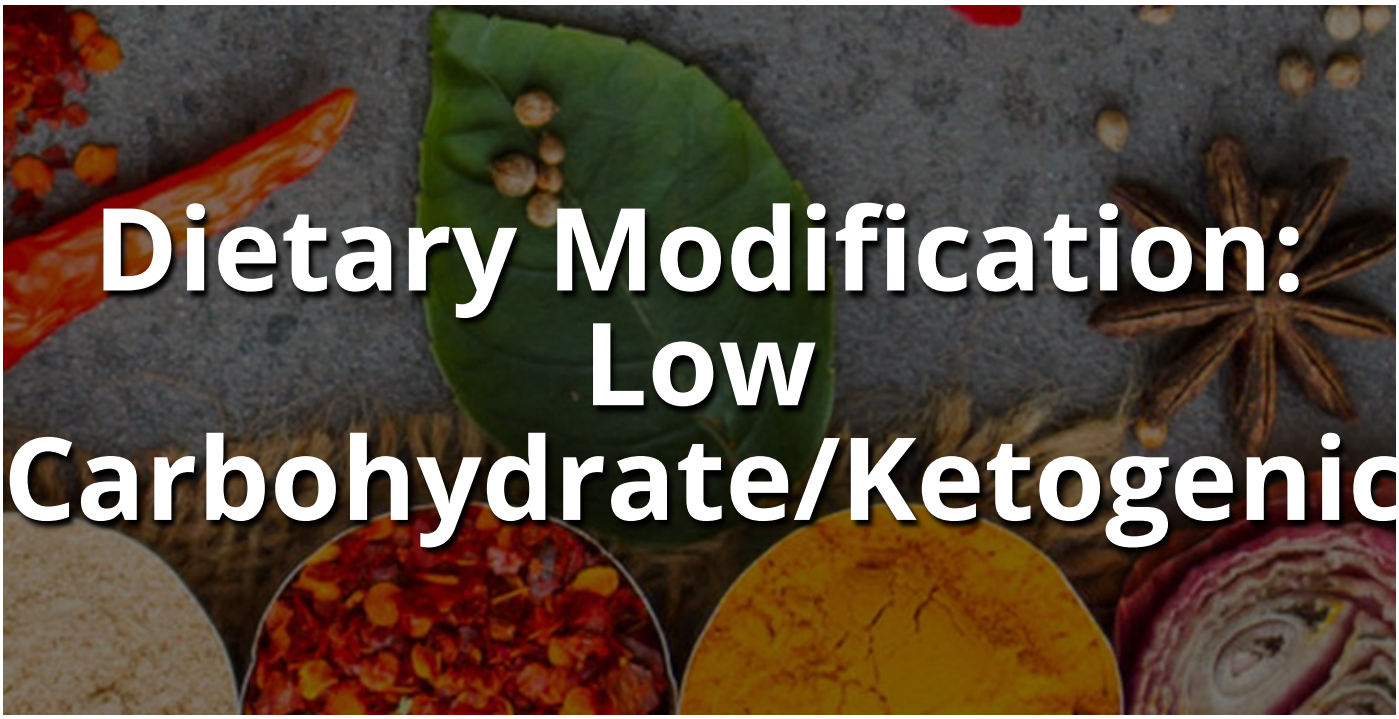


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# Research Topic

**Dietary Modification: Low Carbohydrate/Ketogenic**

This Smart Search PDF was created based on **1** research topic. There are a total of **51** unique research articles on GreenMedInfo.com in regard to your search topic, all compiled in this research document.

The GMI-Pub system automates the natural medical research retrieval process by creating an individualized document that matches your search requirements in order to fit the needs of real people, in real time.

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Below you will find compelling research hard-referenced to peer-reviewed biomedical research sourced from the US National Library of Medicine. For more research on over 6000 validated topics, please visit http://GreenMedInfo.com/research-dashboard

# Overview of Terms Associated with Your Search Topic

51 Relevant Results for
Diseases

| Disease/Symptom | Cumulative Knowledge | Article Count |
|---|---|---|
| Epilepsy: Childhood | 70 | 7 |
| Cancers: All | 31 | 3 |
| Seizures | 29 | 5 |
| Epileptic Seizures | 21 | 3 |
| Dravet syndrome | 20 | 2 |
| Epilepsy | 15 | 5 |
| Autism Spectrum Disorders | 13 | 2 |
| Epilepsy: Infant | 13 | 2 |
| Parkinson's Disease | 13 | 3 |
| Chronic Kidney Disease (CKD) | 10 | 1 |
| Chronic Obstructive Pulmonary Disease | 10 | 1 |
| Diabetes Mellitus: Type 2 | 10 | 1 |
| Diabetes: Glycation/A1C | 10 | 1 |
| Fatty Liver | 10 | 1 |
| Glucose Transporter 1 Deficiency Syndrome | 10 | 1 |
| Head and Neck Cancer | 10 | 1 |
| Headache: Migraine | 10 | 1 |
| Hepatic Steatosis | 10 | 1 |
| Infantile Spasms | 10 | 1 |
| Kidney Stones | 10 | 1 |
| Lennox-Gastaut Syndrome | 10 | 1 |

| | | |
|---|---|---|
| Liver: Fatty | 10 | 1 |
| Metabolic Diseases | 10 | 1 |
| Narcolepsy | 10 | 1 |
| Rett Syndrome | 10 | 1 |
| Tuberous Sclerosis | 10 | 1 |
| Amyotrophic lateral sclerosis (ALS) | 6 | 4 |
| Brain Cancer | 4 | 4 |
| Neurologic Disorders | 4 | 2 |
| Alzheimer's Disease | 3 | 2 |
| Aspartate-glutamate carrier (AGC1) Deficiency | 3 | 1 |
| Autism | 3 | 1 |
| Breast Cancer | 3 | 1 |
| Casein Intolerance | 3 | 1 |
| Congenital Disorders | 3 | 1 |
| Glioma | 3 | 2 |
| Gluten Sensitivity | 3 | 1 |
| Hyperinsulinism | 3 | 1 |
| Autoimmune Diseases | 2 | 1 |
| Brain: Microglial Activation | 2 | 1 |
| Heart Disease: Ischemic | 2 | 1 |
| Huntington Disease | 2 | 1 |
| Multiple Sclerosis: Relapsing-Remitting | 2 | 1 |
| Neurodegenerative Diseases | 2 | 2 |
| Prostate Cancer | 2 | 1 |
| Amyotrophic Lateral Sclerosis | 1 | 1 |
| Astrocytoma | 1 | 1 |
| Convulsive Seizures | 1 | 1 |
| Excitotoxicity | 1 | 1 |

| | | |
|---|---|---|
| Mitochondrial Diseases | 1 | 1 |
| Neuroblastoma | 1 | 1 |

5 Relevant Results for Therapeutic Actions

| Therapeutic Action Name | Cumulative Knowledge | Article Count |
|---|---|---|
| Fasting/Caloric Restriction | 32 | 3 |
| Dietary Modification: Vegetarian | 10 | 1 |
| Integrative Medicine | 10 | 1 |
| Dietary Modification: Wheat/Gluten Free | 3 | 1 |
| Dietary Modification: High-Fat/Low-Carbohydrate | 1 | 1 |

7 Relevant Results for Substances

| Substance Name | Cumulative Knowledge | Article Count |
|---|---|---|
| Medium Chain Triglycerides | 15 | 3 |
| Potassium | 10 | 1 |
| Vitamin D | 3 | 1 |
| Arginine-alpha-ketoglutarate (AAKG) | 2 | 1 |
| Coenzyme Q10 | 2 | 1 |
| GABA (gamma-Aminobutyric Acid) | 2 | 1 |
| Water: Deuterium Depleted | 1 | 1 |

9 Relevant Results for Pharmacological Actions

| Pharmacological Action Name | Cumulative Knowledge | Article Count |
|---|---|---|
| Anticonvulsants | 67 | 10 |
| Neuroprotective Agents | 16 | 4 |
| Chemotherapeutic | 11 | 2 |
| Renoprotective | 10 | 1 |

| | | |
|---|---|---|
| Immunomodulatory | 2 | 1 |
| Immunostimulatory | 2 | 1 |
| Anticarcinogenic Agents | 1 | 1 |
| Antiproliferative | 1 | 1 |
| Chemopreventive | 1 | 1 |

5 Relevant Results for Keywords

| Keyword Name | Cumulative Knowledge | Article Count |
|---|---|---|
| Risk Reduction | 30 | 2 |
| Drug Sparing | 10 | 1 |
| Significant Treatment Outcome | 6 | 2 |
| Dietary Modification | 2 | 1 |
| Epigenetic Modification | 2 | 1 |

3 Relevant Results for Problem Substances

| Problem Substance Name | Cumulative Knowledge | Article Count |
|---|---|---|
| Casein | 3 | 1 |
| Wheat | 3 | 1 |
| Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) | 2 | 1 |

## View the Evidence.
## 51 Research Articles in Total.

## Category : Diseases

# Alzheimer's Disease (AC 2) (CK 3)

## The ketogenic diet may have therapeutic value in neuromuscular and neurodegenerative Diseases.

**Pubmed Data** : Biomed Res Int. 2014 ;2014:474296. Epub 2014 Jul 3. PMID: **25101284**

**Article Published Date** : Dec 31, 2013

**Authors** : Antonio Paoli, Antonino Bianco, Ernesto Damiani, Gerardo Bosco

**Study Type** : Review
**Additional Links**
**Diseases** : Alzheimer's Disease : CK(1677) : AC(168) , Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132), Mitochondrial Diseases : CK(157) : AC(57) , Neurodegenerative Diseases : CK(3308) : AC(816), Parkinson's Disease : CK(918) : AC(85)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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## The ketogenic diet was neuroprotective and anti-inflammatory against MPTP-neurotoxicity.

**Pubmed Data** : J Mol Neurosci. 2010 Oct ;42(2):145-53. Epub 2010 Mar 24. PMID: **20333481**

**Article Published Date** : Sep 30, 2010

**Authors** : Xinxin Yang, Baohua Cheng

**Study Type** : Animal Study
**Additional Links**
**Diseases** : Alzheimer's Disease : CK(1677) : AC(168) , Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132), Brain: Microglial Activation : CK(78) : AC(47) , Parkinson's Disease : CK(918) : AC(85)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Neuroprotective Agents : CK(2127) : AC(919)
**Problem Substances** : Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) : CK(1588) : AC(134)

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# Amyotrophic Lateral Sclerosis (AC 1) (CK 1)

## High-fat and ketogenic diets may have value in treating

## amyotrophic lateral sclerosis.

**Pubmed Data** : J Child Neurol. 2013 Aug ;28(8):989-92. Epub 2013 May 10. PMID: **23666040**

**Article Published Date** : Jul 31, 2013

**Authors** : Sabrina Paganoni, Anne-Marie Wills

**Study Type** : Review
**Additional Links**
**Diseases** : Amyotrophic Lateral Sclerosis : CK(549) : AC(133)
**Therapeutic Actions** : Dietary Modification: High-Fat/Low-Carbohydrate : CK(1) : AC(1), Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Amyotrophic lateral sclerosis (ALS) (AC 4) (CK 6)

## A ketogenic diet in combination with nutritrional supplementation has remarkable therapeutic properties in a rodent model of ALS.

**Pubmed Data** : PLoS One. 2014 ;9(7):e103526. Epub 2014 Jul 25. PMID: **25061944**

**Article Published Date** : Dec 31, 2013

**Authors** : Csilla Ari, Angela M Poff, Heather E Held, Carol S Landon, Craig R Goldhagen, Nicholas Mavromates, Dominic P D'Agostino

**Study Type** : Animal Study
**Additional Links**
**Substances** : Arginine-alpha-ketoglutarate (AAKG) : CK(2) : AC(1) , Coenzyme Q10 : CK(844) : AC(112), GABA (gamma-Aminobutyric Acid) : CK(37) : AC(8) , Medium Chain Triglycerides : CK(53) : AC(15)
**Diseases** : Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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## The ketogenic diet may have therapeutic value in neuromuscular and neurodegenerative Diseases.

**Pubmed Data** : Biomed Res Int. 2014 ;2014:474296. Epub 2014 Jul 3. PMID: **25101284**

**Article Published Date** : Dec 31, 2013

**Authors** : Antonio Paoli, Antonino Bianco, Ernesto Damiani, Gerardo Bosco

**Study Type** : Review

**Additional Links**
**Diseases** : Alzheimer's Disease : CK(1677) : AC(168) , Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132), Mitochondrial Diseases : CK(157) : AC(57) , Neurodegenerative Diseases : CK(3308) : AC(816), Parkinson's Disease : CK(918) : AC(85)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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## The ketogenic diet may have value in ALS.

**Pubmed Data** : Neurol Neurochir Pol. 2011 Jul-Aug;45(4):370-8. PMID: **22101998**

**Article Published Date** : Jun 30, 2011

**Authors** : Sergiusz Jóźwiak, Eric H Kossoff, Katarzyna Kotulska-Jóźwiak

**Study Type** : Review
**Additional Links**
**Diseases** : Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132) , Neurodegenerative Diseases : CK(3308) : AC(816)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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## The ketogenic diet was neuroprotective and anti-inflammatory against MPTP-neurotoxicity.

**Pubmed Data** : J Mol Neurosci. 2010 Oct ;42(2):145-53. Epub 2010 Mar 24. PMID: **20333481**

**Article Published Date** : Sep 30, 2010

**Authors** : Xinxin Yang, Baohua Cheng

**Study Type** : Animal Study
**Additional Links**
**Diseases** : Alzheimer's Disease : CK(1677) : AC(168) , Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132), Brain: Microglial Activation : CK(78) : AC(47) , Parkinson's Disease : CK(918) : AC(85)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Neuroprotective Agents : CK(2127) : AC(919)
**Problem Substances** : Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) : CK(1588) : AC(134)

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# Aspartate-glutamate carrier (AGC1) Deficiency (AC 1) (CK 3)

## The ketogenic diet compensates for AGC1 deficiency and improves myelination.

**Pubmed Data** : Epilepsia. 2015 Sep 24. Epub 2015 Sep 24. PMID: **26401995**

**Article Published Date** : Sep 23, 2015

**Authors** : Maria Dahlin, Daniel A Martin, Zandra Hedlund, Monica Jonsson, Ulrika von Döbeln, Anna Wedell

**Study Type** : Human: Case Report
**Additional Links**
**Diseases** : Aspartate-glutamate carrier (AGC1) Deficiency : CK(3) : AC(1), Epilepsy: Infant : CK(10) : AC(1), Neurologic Disorders : CK(52) : AC(20) , Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Neuroprotective Agents : CK(2168) : AC(1013)
**Additional Keywords** : Significant Treatment Outcome : CK(2720) : AC(334)

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# Astrocytoma (AC 1) (CK 1)

## A high fat/low carbohydrate ketogenic diet is therapeutic in an animal model of brain cancer.

**Pubmed Data** : Nutr Metab (Lond). 2007 Feb 21;4:5. PMID: **17313687**

**Article Published Date** : Feb 21, 2007

**Authors** : Weihua Zhou, Purna Mukherjee, Michael A Kiebish, William T Markis, John G Mantis, Thomas N Seyfried

**Study Type** : In Vitro Study
**Additional Links**
**Diseases** : Astrocytoma : CK(2) : AC(2) , Brain Cancer : CK(262) : AC(96) , Glioma : CK(137) : AC(46)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Autism (AC 1) (CK 3)

## Autism and Dietary Therapy: Case Report and Review of the Literature.

**Pubmed Data** : J Child Neurol. 2013 May 10. Epub 2013 May 10. PMID: **23666039**

**Article Published Date** : May 09, 2013

**Authors** : Martha R Herbert, Julie A Buckley

**Study Type** : Human: Case Report
**Additional Links**
**Substances** : Medium Chain Triglycerides : CK(53) : AC(15)
**Diseases** : Autism : CK(1569) : AC(65) , Autism Spectrum Disorders : CK(1448) : AC(112) , Casein Intolerance : CK(44) : AC(5), Gluten Sensitivity : CK(763) : AC(102)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) , Dietary Modification: Wheat/Gluten Free : CK(293) : AC(43)
**Problem Substances** : Casein : CK(135) : AC(16) , Wheat : CK(2775) : AC(335)

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# Autism Spectrum Disorders (AC 2) (CK 13)

## Autism and Dietary Therapy: Case Report and Review of the Literature.

**Pubmed Data** : J Child Neurol. 2013 May 10. Epub 2013 May 10. PMID: **23666039**

**Article Published Date** : May 09, 2013

**Authors** : Martha R Herbert, Julie A Buckley

**Study Type** : Human: Case Report
**Additional Links**
**Substances** : Medium Chain Triglycerides : CK(53) : AC(15)
**Diseases** : Autism : CK(1569) : AC(65) , Autism Spectrum Disorders : CK(1448) : AC(112) , Casein Intolerance : CK(44) : AC(5), Gluten Sensitivity : CK(763) : AC(102)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) , Dietary Modification: Wheat/Gluten Free : CK(293) : AC(43)
**Problem Substances** : Casein : CK(135) : AC(16) , Wheat : CK(2775) : AC(335)

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## Calorically restricted diets could be effective in reducing the anxiety and in improving motor behavior in girls with Rett Syndrome.

**Pubmed Data** : Epilepsy Behav. 2009 Jun;15(2):133-41. Epub 2009 Feb 26. PMID: **19249385**

**Article Published Date** : Jun 01, 2009

**Authors** : John G Mantis, Christie L Fritz, Jeremy Marsh, Stephen C Heinrichs, Thomas N Seyfried

**Study Type** : Human Study
**Additional Links**
**Diseases** : Autism Spectrum Disorders : CK(1448) : AC(156) , Rett Syndrome : CK(20) : AC(2)

**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) , Fasting/Caloric Restriction : CK(235) : AC(52)

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# Autoimmune Diseases (AC 1) (CK 2)

## A diet mimicking fasting promotes regeneration and reduces autoimmunity and multiple sclerosis symptoms.

**Pubmed Data** : Cell Rep. 2016 Jun 7 ;15(10):2136-46. Epub 2016 May 26. PMID: **27239035**

**Article Published Date** : Jun 06, 2016

**Authors** : In Young Choi, Laura Piccio, Patra Childress, Bryan Bollman, Arko Ghosh, Sebastian Brandhorst, Jorge Suarez, Andreas Michalsen, Anne H Cross, Todd E Morgan, Min Wei, Friedemann Paul, Markus Bock, Valter D Longo

**Study Type** : Animal Study
**Additional Links**
**Diseases** : Autoimmune Diseases : CK(6200) : AC(880) , Multiple Sclerosis: Relapsing-Remitting : CK(92) : AC(1)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) , Fasting/Caloric Restriction : CK(235) : AC(52)
**Additional Keywords** : Dietary Modification : CK(287) : AC(33)

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# Brain Cancer (AC 4) (CK 4)

## A high fat/low carbohydrate ketogenic diet is therapeutic in an animal model of brain cancer.

**Pubmed Data** : Nutr Metab (Lond). 2007 Feb 21;4:5. PMID: **17313687**

**Article Published Date** : Feb 21, 2007

**Authors** : Weihua Zhou, Purna Mukherjee, Michael A Kiebish, William T Markis, John G Mantis, Thomas N Seyfried

**Study Type** : In Vitro Study
**Additional Links**
**Diseases** : Astrocytoma : CK(2) : AC(2) , Brain Cancer : CK(262) : AC(96) , Glioma : CK(137) : AC(46)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

## Calorically restricted ketogenic diets may provide an alternative therapy to brain cancer.

**Pubmed Data** : Epilepsia. 2008 Nov;49 Suppl 8:114-6. PMID: **19049606**

**Article Published Date** : Nov 01, 2008

**Authors** : Thomas N Seyfried, Michael Kiebish, Purna Mukherjee, Jeremy Marsh

**Study Type** : Commentary
**Additional Links**
**Diseases** : Brain Cancer : CK(262) : AC(96)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

## Dietary manipulation through the elimination of glucose and/or a ketogenic diet may be therapeutic in the treatment of brain ccancer.

**Pubmed Data** : J Pediatr Surg. 2009 Jan;44(1):212-6; discussion 216. PMID: **19159745**

**Article Published Date** : Jan 01, 2009

**Authors** : Robert Skinner, Angelica Trujillo, Xiaojie Ma, Elizabeth A Beierle

**Study Type** : In Vitro Study
**Additional Links**
**Diseases** : Brain Cancer : CK(262) : AC(96) , Neuroblastoma : CK(51) : AC(31)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

## Metabolic therapy: a new paradigm for managing malignant brain cancer.

**Pubmed Data** : Cancer Lett. 2015 Jan 28 ;356(2 Pt A):289-300. Epub 2014 Jul 25. PMID: **25069036**

**Article Published Date** : Jan 27, 2015

**Authors** : Thomas N Seyfried, Roberto Flores, Angela M Poff, Dominic P D'Agostino, Purna Mukherjee

**Study Type** : Review
**Additional Links**
**Diseases** : Brain Cancer : CK(262) : AC(96)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

# Brain: Microglial Activation (AC 1) (CK

# 2)

## The ketogenic diet was neuroprotective and anti-inflammatory against MPTP-neurotoxicity.

**Pubmed Data** : J Mol Neurosci. 2010 Oct ;42(2):145-53. Epub 2010 Mar 24. PMID: **20333481**

**Article Published Date** : Sep 30, 2010

**Authors** : Xinxin Yang, Baohua Cheng

**Study Type** : Animal Study
**Additional Links**
**Diseases** : Alzheimer's Disease : CK(1677) : AC(168) , Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132), Brain: Microglial Activation : CK(78) : AC(47) , Parkinson's Disease : CK(918) : AC(85)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Neuroprotective Agents : CK(2127) : AC(919)
**Problem Substances** : Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) : CK(1588) : AC(134)

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# Breast Cancer (AC 1) (CK 3)

## A combination of high-dose vitamin D3 and ketogenic diet leads to changes in some biological markers of breast cancer.

**Pubmed Data** : Anticancer Res. 2015 Oct ;35(10):5525-32. PMID: **26408720**

**Article Published Date** : Sep 30, 2015

**Authors** : Jacopo J V Branca, Stefania Pacini, Marco Ruggiero

**Study Type** : Human: Case Report
**Additional Links**
**Substances** : Vitamin D : CK(2705) : AC(379)
**Diseases** : Breast Cancer : CK(3368) : AC(997)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Additional Keywords** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Cancers: All (AC 3) (CK 31)

## Deuterium depletion in water offers a new adjuvant and protective cancer therapy.

**Pubmed Data** : Med Hypotheses. 2016 Feb ;87:69-74. Epub 2015 Nov 26. PMID: 26826644

**Article Published Date** : Jan 31, 2016

**Authors** : László G Boros, Dominic P D'Agostino, Howard E Katz, Justine P Roth, Emmanuelle J Meuillet, Gábor Somlyai

**Study Type** : Commentary
**Additional Links**
**Substances** : Water: Deuterium Depleted : CK(27) : AC(2)
**Diseases** : Cancers: All : CK(13861) : AC(4344)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Anticarcinogenic Agents : CK(978) : AC(282) , Antiproliferative : CK(2143) : AC(1208), Chemopreventive : CK(2477) : AC(684) , Chemotherapeutic : CK(305) : AC(108)

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## Ketogenic diets administered as supportive measures during standard therapy are safe and might be helpful in preservation of muscle mass.

**Pubmed Data** : BMC Res Notes. 2016 ;9(1):143. Epub 2016 Mar 5. PMID: 26946138

**Article Published Date** : Dec 31, 2015

**Authors** : Rainer J Klement, Reinhart A Sweeney

**Study Type** : Human Study
**Additional Links**
**Diseases** : Cancers: All : CK(13861) : AC(4344)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) , Integrative Medicine : CK(208) : AC(26)

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## There was an overall tumor growth delaying effect of unrestricted ketogenic diets in mice.

**Pubmed Data** : PLoS One. 2016;11(5):e0155050. Epub 2016 May 9. PMID: 27159218

**Article Published Date** : Dec 31, 2015

**Authors** : Rainer J Klement, Colin E Champ, Christoph Otto, Ulrike Kämmerer

**Study Type** : Meta Analysis
**Additional Links**
**Diseases** : Cancers: All : CK(13861) : AC(4344)

**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Additional Keywords** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) , Risk Reduction : CK(5740) : AC(608)

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# Casein Intolerance (AC 1) (CK 3)

## Autism and Dietary Therapy: Case Report and Review of the Literature.

**Pubmed Data** : J Child Neurol. 2013 May 10. Epub 2013 May 10. PMID: **23666039**

**Article Published Date** : May 09, 2013

**Authors** : Martha R Herbert, Julie A Buckley

**Study Type** : Human: Case Report
**Additional Links**
**Substances** : Medium Chain Triglycerides : CK(53) : AC(15)
**Diseases** : Autism : CK(1569) : AC(65) , Autism Spectrum Disorders : CK(1448) : AC(112) , Casein Intolerance : CK(44) : AC(5), Gluten Sensitivity : CK(763) : AC(102)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) , Dietary Modification: Wheat/Gluten Free : CK(293) : AC(43)
**Problem Substances** : Casein : CK(135) : AC(16) , Wheat : CK(2775) : AC(335)

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# Chronic Kidney Disease (CKD) (AC 1) (CK 10)

## The ketogenic diet seems nutritionally safe and could defer dialysis initiation in some patients with chronic kidney disease.

**Pubmed Data** : J Am Soc Nephrol. 2016 Jan 28. Epub 2016 Jan 28. PMID: **26823552**

**Article Published Date** : Jan 27, 2016

**Authors** : Liliana Garneata, Alexandra Stancu, Diana Dragomir, Gabriel Stefan, Gabriel Mircescu

**Study Type** : Human Study

**Additional Links**
**Diseases** : Chronic Kidney Disease (CKD) : CK(12) : AC(1)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) , Dietary Modification: Vegetarian : CK(196) : AC(22)
**Pharmacological Actions** : Renoprotective : CK(222) : AC(106)
**Additional Keywords** : Risk Reduction : CK(5912) : AC(629)

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# Chronic Obstructive Pulmonary Disease (AC 1) (CK 10)

## Modifiying the diet by increasing fat intake and lowering carbohydrate may have a therapeutic effect in COPD.

**Pubmed Data** : Nutrition. 2003 Mar;19(3):229-32. PMID: 12620524

**Article Published Date** : Mar 01, 2003

**Authors** : Baiqiang Cai, Yuanjue Zhu, Y i Ma, Zuojun Xu, Y i Zao, Jinglan Wang, Yaoguang Lin, Gail M Comer

**Study Type** : Human Study
**Additional Links**
**Diseases** : Chronic Obstructive Pulmonary Disease : CK(363) : AC(54)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Congenital Disorders (AC 1) (CK 3)

## The ketogenic diet could represent an effective treatment to support brain function in selected cases of congenital hyperinsulinism.

**Pubmed Data** : Orphanet J Rare Dis. 2015 ;10(1):120. Epub 2015 Sep 24. PMID: 26399329

**Article Published Date** : Dec 31, 2014

**Authors** : Arianna Maiorana, Lucilla Manganozzi, Fabrizio Barbetti, Silvia Bernabei, Giorgia Gallo, Raffaella Cusmai, Stefania Caviglia, Carlo Dionisi-Vici

**Study Type** : Human: Case Report
**Additional Links**
**Diseases** : Congenital Disorders : CK(3) : AC(1) , Hyperinsulinism : CK(251) : AC(56) , Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Additional Keywords** : Significant Treatment Outcome : CK(2720) : AC(334)

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# Convulsive Seizures (AC 1) (CK 1)

## "The ketogenic diet: mechanism of anticonvulsant action."

**Pubmed Data** : Adv Neurol. 1980 ;27:635-42. PMID: 6990715

**Article Published Date** : Dec 31, 1979

**Authors** : C D Withrow

**Study Type** : Review
**Additional Links**
**Diseases** : Convulsive Seizures : CK(12) : AC(2) , Epileptic Seizures : CK(192) : AC(10)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

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# Diabetes Mellitus: Type 2 (AC 1) (CK 10)

## The long-term effects of a diet loosely restricting carbohydrates results in significantly improved HbA1c levels, blood lipid profiles and reduced drug requirements in type 2 diabetes.

**Pubmed Data** : Diabetes Res Clin Pract. 2008 Feb;79(2):350-6. Epub 2007 Nov 5. PMID: 17980451

**Article Published Date** : Feb 01, 2008

**Authors** : Hajime Haimoto, Mitsunaga Iwata, Kenji Wakai, Hiroyuki Umegaki

**Study Type** : Human Study
**Additional Links**
**Diseases** : Diabetes: Glycation/A1C : CK(208) : AC(31) , Diabetes Mellitus: Type 2 : CK(3278) : AC(572)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Diabetes: Glycation/A1C (AC 1) (CK 10)

## The long-term effects of a diet loosely restricting carbohydrates results in significantly improved HbA1c levels, blood lipid profiles and reduced drug requirements in type 2 diabetes.

**Pubmed Data** : Diabetes Res Clin Pract. 2008 Feb;79(2):350-6. Epub 2007 Nov 5. PMID: 17980451

**Article Published Date** : Feb 01, 2008

**Authors** : Hajime Haimoto, Mitsunaga Iwata, Kenji Wakai, Hiroyuki Umegaki

**Study Type** : Human Study
**Additional Links**
**Diseases** : Diabetes: Glycation/A1C : CK(208) : AC(31) , Diabetes Mellitus: Type 2 : CK(3278) : AC(572)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Dravet syndrome (AC 2) (CK 20)

## The ketogenic diet has significant therapy value in treating drug-resistant childhood epilepsy.

**Pubmed Data** : Seizure. 2010 Sep;19(7):404-8. Epub 2010 Jul 2. PMID: 20598586

**Article Published Date** : Sep 01, 2010

**Authors** : Anastasia Dressler, Benjamin Stöcklin, Eva Reithofer, Franz Benninger, Michael Freilinger, Erwin Hauser, Edith Reiter-Fink, Rainer Seidl, Petra Trimmel-Schwahofer, Martha Feucht

**Study Type** : Human Study
**Additional Links**

**Diseases** : Dravet syndrome : CK(30) : AC(3) , Epilepsy: Childhood : CK(120) : AC(5) , Infantile Spasms : CK(50) : AC(4), Lennox-Gastaut Syndrome : CK(127) : AC(1)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

## The ketogenic diet significantly improves quality of life, and reduces both seizures and medication needs in most patients wtih Dravet syndrome studied.

**Pubmed Data** : Epilepsia. 2005 Sep;46(9):1539-44. PMID: **16146451**

**Article Published Date** : Sep 01, 2005

**Authors** : Roberto Horacio Caraballo, Ricardo Oscar Cersósimo, Diego Sakr, Araceli Cresta, Nidia Escobal, Natalio Fejerman

**Study Type** : Human Study
**Additional Links**
**Diseases** : Dravet syndrome : CK(30) : AC(3)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)
**Additional Keywords** : Drug Sparing : CK(451) : AC(50)

# Epilepsy (AC 5) (CK 15)

## A ketogenic diet may suppress neuronal hyperexcitability in patients with epilepsy.

**Pubmed Data** : Mol Nutr Food Res. 2009 Dec;53(12):1603-11. PMID: **16059506**

**Article Published Date** : Dec 01, 2009

**Authors** : Carl E Stafstrom

**Study Type** : Review
**Additional Links**
**Diseases** : Epilepsy : CK(244) : AC(60)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

## Ketogenic diet therapy might be uniquely suited to reset the epileptogenic clock and to provide long-lasting relief from seizures even after discontinuation of the diet.

**Pubmed Data** : Neuropharmacology. 2015 Aug 6 ;99:500-509. Epub 2015 Aug 6. PMID: **26256422**

**Article Published Date** : Aug 05, 2015

**Authors** : Theresa A Lusardi, Kiran K Akula, Shayla Q Coffman, David N Ruskin, Susan A Masino, Detlev Boison

**Study Type** : Animal Study
**Additional Links**
**Diseases** : Epilepsy : CK(231) : AC(30)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)
**Additional Keywords** : Anticonvulsants : CK(216) : AC(30) , Epigenetic Modification : CK(216) : AC(86)

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## The ketogenic diet leads to increases in circulating ketones, which may contribute to the efficacy in treating pharmacoresistant seizures.

**Pubmed Data** : Cold Spring Harb Perspect Med. 2016 Jan 22. Epub 2016 Jan 22. PMID: **26801895**

**Article Published Date** : Jan 21, 2016

**Authors** : Michael A Rogawski, Wolfgang Löscher, Jong M Rho

**Study Type** : In Vitro Study
**Additional Links**
**Diseases** : Epilepsy : CK(244) : AC(60)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

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## The ketogenic diet was beneficial for patients with GLUT-1 deficiency syndrome.

**Pubmed Data** : Seizure. 2016 Jan 14 ;35:83-87. Epub 2016 Jan 14. PMID: **26803281**

**Article Published Date** : Jan 13, 2016

**Authors** : Hannah R Kass, S Parrish Winesett, Stacey K Bessone, Zahava Turner, Eric H Kossoff

**Study Type** : Human Study
**Additional Links**
**Diseases** : Epilepsy : CK(244) : AC(60) , Metabolic Diseases : CK(308) : AC(3)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

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## The scientific literature involving the ketogenic diet strongly supports the notion that epilepsy may indeed in part represent a metabolic disease.

**Pubmed Data** : Neurosci Lett. 2015 Jul 26. Epub 2015 Jul 26. PMID: **26222258**

**Article Published Date** : Jul 25, 2015

**Authors** : Jong M Rho

**Study Type** : Review
**Additional Links**
**Diseases** : Epilepsy : CK(244) : AC(60)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Epilepsy: Childhood (AC 7) (CK 70)

## A Ketogenic diet is effective in refractory epilepsy of childhood.

**Pubmed Data** : Rev Neurol. 2001 Dec 1-15;33(11):1010-4. PMID: **11785025**

**Authors** : M Galván Manso, M Arellano, A Sans, F X Sanmartí, L Gómez, A Vernet, J Campistol

**Study Type** : Human Study
**Additional Links**
**Substances** : Medium Chain Triglycerides : CK(55) : AC(16)
**Diseases** : Epilepsy: Childhood : CK(120) : AC(5)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

---

## A ketogenic diet is an effective therapeutic modality for epilepsy associated with tuberous sclerosis in children.

**Pubmed Data** : Epilepsia. 2005 Oct;46(10):1684-6. PMID: **16190943**

**Article Published Date** : Oct 01, 2005

**Authors** : Eric H Kossoff, Elizabeth A Thiele, Heidi H Pfeifer, Jane R McGrogan, John M Freeman

**Study Type** : Human Study
**Additional Links**
**Diseases** : Epilepsy: Childhood : CK(120) : AC(5) , Tuberous Sclerosis : CK(20) : AC(2)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

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## Both a modified Atkins diet and the classic ketogenic diet could be used in the treatment of intractable epilepsy in children.

**Pubmed Data** : Epilepsia. 2015 Dec 10. Epub 2015 Dec 10. PMID: **26662710**

**Article Published Date** : Dec 09, 2015

**Authors** : Jeong A Kim, Jung-Rim Yoon, Eun Joo Lee, Joon Soo Lee, Jeong Tae Kim, Heung Dong

Kim, Hoon-Chul Kang

**Study Type** : Human Study
**Additional Links**
**Diseases** : Epilepsy: Childhood : CK(120) : AC(5)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

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## Potassium citrate reduces kidney-stone incidence in children treated with a ketogenic diet for intractable epilepsy.

**Pubmed Data** : Pediatrics. 2009 Aug;124(2):e300-4. Epub 2009 Jul 13. PMID: **19596731**

**Article Published Date** : Aug 01, 2009

**Authors** : Melanie A McNally, Paula L Pyzik, James E Rubenstein, Rana F Hamdy, Eric H Kossoff

**Study Type** : Human Study
**Additional Links**
**Substances** : Potassium : CK(110) : AC(15)
**Diseases** : Epilepsy: Childhood : CK(120) : AC(5) , Kidney Stones : CK(159) : AC(29)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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## Six months after initiating the ketogenic diet it led to a 50% reduction in seizure frequency in those that responded to the diet.

**Pubmed Data** : Pediatr Neurol. 2015 Nov ;53(5):422-6. Epub 2015 Aug 8. PMID: **26476148**

**Article Published Date** : Oct 31, 2015

**Authors** : Andrea Sariego-Jamardo, Angels García-Cazorla, Rafael Artuch, Esperanza Castejón, Dolores García-Arenas, Marta Molero-Luis, Aida Ormazábal, Francesc Xavier Sanmartí

**Study Type** : Human Study
**Additional Links**
**Diseases** : Epilepsy: Childhood : CK(120) : AC(5) , Epileptic Seizures : CK(192) : AC(10)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

---

## The ketogenic diet has significant therapy value in treating drug-resistant childhood epilepsy.

**Pubmed Data** : Seizure. 2010 Sep;19(7):404-8. Epub 2010 Jul 2. PMID: **20598586**

**Article Published Date** : Sep 01, 2010

**Authors** : Anastasia Dressler, Benjamin Stöcklin, Eva Reithofer, Franz Benninger, Michael Freilinger, Erwin Hauser, Edith Reiter-Fink, Rainer Seidl, Petra Trimmel-Schwahofer, Martha Feucht

**Study Type** : Human Study
**Additional Links**

**Diseases** : Dravet syndrome : CK(30) : AC(3) , Epilepsy: Childhood : CK(120) : AC(5) , Infantile Spasms : CK(50) : AC(4), Lennox-Gastaut Syndrome : CK(127) : AC(1)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

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## The ketogenic diet is an effective therapy for children with therapy-resistant epilepsy.

**Pubmed Data** : Epilepsy Behav. 2015 Oct ;51:261-6. Epub 2015 Aug 24. PMID: **26301622**

**Article Published Date** : Sep 30, 2015

**Authors** : Danielle A J E Lambrechts, Reina J A de Kinderen, Hans S H Vles, Anton J de Louw, Albert P Aldenkamp, Marian J M Majoie

**Study Type** : Human Study
**Additional Links**
**Diseases** : Epilepsy: Childhood : CK(120) : AC(5)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

---

# Epilepsy: Infant (AC 2) (CK 13)

## The ketogenic diet compensates for AGC1 deficiency and improves myelination.

**Pubmed Data** : Epilepsia. 2015 Sep 24. Epub 2015 Sep 24. PMID: **26401995**

**Article Published Date** : Sep 23, 2015

**Authors** : Maria Dahlin, Daniel A Martin, Zandra Hedlund, Monica Jonsson, Ulrika von Döbeln, Anna Wedell

**Study Type** : Human: Case Report
**Additional Links**
**Diseases** : Aspartate-glutamate carrier (AGC1) Deficiency : CK(3) : AC(1), Epilepsy: Infant : CK(10) : AC(1), Neurologic Disorders : CK(52) : AC(20) , Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Neuroprotective Agents : CK(2168) : AC(1013)
**Additional Keywords** : Significant Treatment Outcome : CK(2720) : AC(334)

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## The ketogenic diet is highly effective and well tolerated in infants with epilepsy.

**Pubmed Data** : Epilepsy Res. 2015 Oct ;116:53-8. Epub 2015 Jul 9. PMID: **26354167**

**Article Published Date** : Sep 30, 2015

**Authors** : Anastasia Dressler, Petra Trimmel-Schwahofer, Eva Reithofer, Gudrun Gröppel, Angelika Mühlebner, Sharon Samueli, Viktoria Grabner, Klaus Abraham, Franz Benninger, Martha Feucht

**Study Type** : Human Study
**Additional Links**
**Diseases** : Epilepsy: Infant : CK(10) : AC(1) , Epileptic Seizures : CK(192) : AC(10)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

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# Epileptic Seizures (AC 3) (CK 21)

## "The ketogenic diet: mechanism of anticonvulsant action."

**Pubmed Data** : Adv Neurol. 1980 ;27:635-42. PMID: **6990715**

**Article Published Date** : Dec 31, 1979

**Authors** : C D Withrow

**Study Type** : Review
**Additional Links**
**Diseases** : Convulsive Seizures : CK(12) : AC(2) , Epileptic Seizures : CK(192) : AC(10)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

---

## Six months after initiating the ketogenic diet it led to a 50% reduction in seizure frequency in those that responded to the diet.

**Pubmed Data** : Pediatr Neurol. 2015 Nov ;53(5):422-6. Epub 2015 Aug 8. PMID: **26476148**

**Article Published Date** : Oct 31, 2015

**Authors** : Andrea Sariego-Jamardo, Angels García-Cazorla, Rafael Artuch, Esperanza Castejón, Dolores García-Arenas, Marta Molero-Luis, Aida Ormazábal, Francesc Xavier Sanmartí

**Study Type** : Human Study
**Additional Links**
**Diseases** : Epilepsy: Childhood : CK(120) : AC(5) , Epileptic Seizures : CK(192) : AC(10)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

---

## The ketogenic diet is highly effective and well tolerated in infants with epilepsy.

**Pubmed Data** : Epilepsy Res. 2015 Oct ;116:53-8. Epub 2015 Jul 9. PMID: 26354167

**Article Published Date** : Sep 30, 2015

**Authors** : Anastasia Dressler, Petra Trimmel-Schwahofer, Eva Reithofer, Gudrun Gröppel, Angelika Mühlebner, Sharon Samueli, Viktoria Grabner, Klaus Abraham, Franz Benninger, Martha Feucht

**Study Type** : Human Study
**Additional Links**
**Diseases** : Epilepsy: Infant : CK(10) : AC(1) , Epileptic Seizures : CK(192) : AC(10)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

---

# Excitotoxicity (AC 1) (CK 1)

## The ketogenic diet may alter brain handling of glutamate, an excitotoxin, through enhanced conversion to glutamine and then to GABA.

**Pubmed Data** : Epilepsia. 2008 Nov;49 Suppl 8:73-5. PMID: 19049594

**Article Published Date** : Nov 01, 2008

**Authors** : Marc Yudkoff, Yevgeny Daikhin, Oksana Horyn, Ilana Nissim, Itzhak Nissim

**Study Type** : Commentary
**Additional Links**
**Diseases** : Excitotoxicity : CK(58) : AC(35)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Fatty Liver (AC 1) (CK 10)

## A low-carbohydrate, ketogenic diet improves fatty liver disease.

**Pubmed Data** : Dig Dis Sci. 2007 Feb;52(2):589-93. Epub 2007 Jan 12. PMID: 17219068

**Article Published Date** : Feb 01, 2007

**Authors** : David Tendler, Sauyu Lin, William S Yancy, John Mavropoulos, Pam Sylvestre, Don C Rockey, Eric C Westman

**Study Type** : Human Study

**Additional Links**
**Diseases** : Fatty Liver : CK(540) : AC(127) , Hepatic Steatosis : CK(104) : AC(21) , Liver: Fatty : CK(844) : AC(193)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

# Glioma (AC 2) (CK 3)

## A high fat/low carbohydrate ketogenic diet is therapeutic in an animal model of brain cancer.

**Pubmed Data** : Nutr Metab (Lond). 2007 Feb 21;4:5. PMID: 17313687

**Article Published Date** : Feb 21, 2007

**Authors** : Weihua Zhou, Purna Mukherjee, Michael A Kiebish, William T Markis, John G Mantis, Thomas N Seyfried

**Study Type** : In Vitro Study
**Additional Links**
**Diseases** : Astrocytoma : CK(2) : AC(2) , Brain Cancer : CK(262) : AC(96) , Glioma : CK(137) : AC(46)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

## The ketogenic diet may work as an immune adjuvant in the glioma microenvironment by reducing immune suppression.

**Pubmed Data** : BMC Cancer. 2016 ;16:310. Epub 2016 May 13. PMID: 27178315

**Article Published Date** : Dec 31, 2015

**Authors** : Danielle M Lussier, Eric C Woolf, John L Johnson, Kenneth S Brooks, Joseph N Blattman, Adrienne C Scheck

**Study Type** : Animal Study
**Additional Links**
**Diseases** : Glioma : CK(137) : AC(46)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Immunomodulatory : CK(1005) : AC(201) , Immunostimulatory : CK(146) : AC(35)

# Glucose Transporter 1 Deficiency Syndrome (AC 1) (CK 10)

## Treatment with ketogenic diet resulted in a marked improvement in seizures and cognitive functions.

**Pubmed Data** : Neuropediatrics. 2015 Oct ;46(5):313-20. Epub 2015 Aug 12. PMID: **26267703**

**Article Published Date** : Sep 30, 2015

**Authors** : Hakan Gumus, Ayşe Kaçar Bayram, Fatih Kardas, Mehmet Canpolat, Ahmet Okay Çağlayan, Sefer Kumandas, Mustafa Kendirci, Huseyin Per

**Study Type** : Human Study
**Additional Links**
**Diseases** : Glucose Transporter 1 Deficiency Syndrome : CK(10) : AC(0) , Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

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# Gluten Sensitivity (AC 1) (CK 3)

## Autism and Dietary Therapy: Case Report and Review of the Literature.

**Pubmed Data** : J Child Neurol. 2013 May 10. Epub 2013 May 10. PMID: **23666039**

**Article Published Date** : May 09, 2013

**Authors** : Martha R Herbert, Julie A Buckley

**Study Type** : Human: Case Report
**Additional Links**
**Substances** : Medium Chain Triglycerides : CK(53) : AC(15)
**Diseases** : Autism : CK(1569) : AC(65) , Autism Spectrum Disorders : CK(1448) : AC(112) , Casein Intolerance : CK(44) : AC(5), Gluten Sensitivity : CK(763) : AC(102)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) , Dietary Modification: Wheat/Gluten Free : CK(293) : AC(43)
**Problem Substances** : Casein : CK(135) : AC(16) , Wheat : CK(2775) : AC(335)

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# Head and Neck Cancer (AC 1) (CK 10)

## The ketogenic diet let to a decline in the lactate concentration in tumor tissue.

**Pubmed Data** : Nutr Cancer. 2013 ;65(6):843-9. PMID: 23909728

**Article Published Date** : Dec 31, 2012

**Authors** : U Schroeder, B Himpe, R Pries, R Vonthein, S Nitsch, B Wollenberg

**Study Type** : Human Study
**Additional Links**
**Diseases** : Head and Neck Cancer : CK(111) : AC(14)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Chemotherapeutic : CK(305) : AC(108)

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# Headache: Migraine (AC 1) (CK 10)

## A ketogenic diet could help reduce the frequency of migraine attacks.

**Pubmed Data** : J Headache Pain. 2016 ;17:58. Epub 2016 May 31. PMID: 27245682

**Article Published Date** : Dec 31, 2015

**Authors** : Cherubino Di Lorenzo, Gianluca Coppola, Martina Bracaglia, Davide Di Lenola, Maurizio Evangelista, Giulio Sirianni, Paolo Rossi, Giorgio Di Lorenzo, Mariano Serrao, Vincenzo Parisi, Francesco Pierelli

**Study Type** : Human Study
**Additional Links**
**Diseases** : Headache: Migraine : CK(640) : AC(74)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Heart Disease: Ischemic (AC 1) (CK 2)

### A low carbohydrate ketogenic diet is cardioprotective following global ischemic injury.

**Pubmed Data** : Acta Cardiol. 2007 Aug;62(4):381-9. PMID: 17824299

**Article Published Date** : Aug 01, 2007

**Authors** : Naji S Al-Zaid, Hussein M Dashti, Thazhumpal C Mathew, Jaspir S Juggi

**Study Type** : Animal Study
**Additional Links**
**Diseases** : Heart Disease: Ischemic : CK(155) : AC(20)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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## Hepatic Steatosis (AC 1) (CK 10)

### A low-carbohydrate, ketogenic diet improves fatty liver disease.

**Pubmed Data** : Dig Dis Sci. 2007 Feb;52(2):589-93. Epub 2007 Jan 12. PMID: 17219068

**Article Published Date** : Feb 01, 2007

**Authors** : David Tendler, Sauyu Lin, William S Yancy, John Mavropoulos, Pam Sylvestre, Don C Rockey, Eric C Westman

**Study Type** : Human Study
**Additional Links**
**Diseases** : Fatty Liver : CK(540) : AC(127) , Hepatic Steatosis : CK(104) : AC(21) , Liver: Fatty : CK(844) : AC(193)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

---

## Huntington Disease (AC 1) (CK 2)

### A ketogenic diet delays weight loss and does not impair working memory or motor function in the mouse model of Huntington's disease.

**Pubmed Data** : Physiol Behav. 2011 Apr 9;103(5):501-507. Epub 2011 Apr 9. PMID: 21501628

**Article Published Date** : Apr 09, 2011

**Authors** : David N Ruskin, Jessica L Ross, Masahito Kawamura, Tiffany L Ruiz, Jonathan D Geiger, Susan A Masino

**Study Type** : Animal Study
**Additional Links**
**Diseases** : Huntington Disease : CK(84) : AC(32)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Hyperinsulinism (AC 1) (CK 3)

## The ketogenic diet could represent an effective treatment to support brain function in selected cases of congenital hyperinsulinism.

**Pubmed Data** : Orphanet J Rare Dis. 2015 ;10(1):120. Epub 2015 Sep 24. PMID: 26399329

**Article Published Date** : Dec 31, 2014

**Authors** : Arianna Maiorana, Lucilla Manganozzi, Fabrizio Barbetti, Silvia Bernabei, Giorgia Gallo, Raffaella Cusmai, Stefania Caviglia, Carlo Dionisi-Vici

**Study Type** : Human: Case Report
**Additional Links**
**Diseases** : Congenital Disorders : CK(3) : AC(1) , Hyperinsulinism : CK(251) : AC(56) , Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Additional Keywords** : Significant Treatment Outcome : CK(2720) : AC(334)

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# Infantile Spasms (AC 1) (CK 10)

## The ketogenic diet has significant therapy value in treating drug-resistant childhood epilepsy.

**Pubmed Data** : Seizure. 2010 Sep;19(7):404-8. Epub 2010 Jul 2. PMID: 20598586

**Article Published Date** : Sep 01, 2010

**Authors** : Anastasia Dressler, Benjamin Stöcklin, Eva Reithofer, Franz Benninger, Michael Freilinger, Erwin Hauser, Edith Reiter-Fink, Rainer Seidl, Petra Trimmel-Schwahofer, Martha Feucht

**Study Type** : Human Study

**Additional Links**

**Diseases** : Dravet syndrome : CK(30) : AC(3) , Epilepsy: Childhood : CK(120) : AC(5) , Infantile Spasms : CK(50) : AC(4), Lennox-Gastaut Syndrome : CK(127) : AC(1)

**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

---

# Kidney Stones (AC 1) (CK 10)

## Potassium citrate reduces kidney-stone incidence in children treated with a ketogenic diet for intractable epilepsy.

**Pubmed Data** : Pediatrics. 2009 Aug;124(2):e300-4. Epub 2009 Jul 13. PMID: **19596731**

**Article Published Date** : Aug 01, 2009

**Authors** : Melanie A McNally, Paula L Pyzik, James E Rubenstein, Rana F Hamdy, Eric H Kossoff

**Study Type** : Human Study

**Additional Links**

**Substances** : Potassium : CK(110) : AC(15)

**Diseases** : Epilepsy: Childhood : CK(120) : AC(5) , Kidney Stones : CK(159) : AC(29)

**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Lennox-Gastaut Syndrome (AC 1) (CK 10)

## The ketogenic diet has significant therapy value in treating drug-resistant childhood epilepsy.

**Pubmed Data** : Seizure. 2010 Sep;19(7):404-8. Epub 2010 Jul 2. PMID: **20598586**

**Article Published Date** : Sep 01, 2010

**Authors** : Anastasia Dressler, Benjamin Stöcklin, Eva Reithofer, Franz Benninger, Michael

Freilinger, Erwin Hauser, Edith Reiter-Fink, Rainer Seidl, Petra Trimmel-Schwahofer, Martha Feucht

**Study Type** : Human Study
**Additional Links**
**Diseases** : Dravet syndrome : CK(30) : AC(3) , Epilepsy: Childhood : CK(120) : AC(5) , Infantile Spasms : CK(50) : AC(4), Lennox-Gastaut Syndrome : CK(127) : AC(1)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

---

# Liver: Fatty (AC 1) (CK 10)

## A low-carbohydrate, ketogenic diet improves fatty liver disease.

**Pubmed Data** : Dig Dis Sci. 2007 Feb;52(2):589-93. Epub 2007 Jan 12. PMID: **17219068**

**Article Published Date** : Feb 01, 2007

**Authors** : David Tendler, Sauyu Lin, William S Yancy, John Mavropoulos, Pam Sylvestre, Don C Rockey, Eric C Westman

**Study Type** : Human Study
**Additional Links**
**Diseases** : Fatty Liver : CK(540) : AC(127) , Hepatic Steatosis : CK(104) : AC(21) , Liver: Fatty : CK(844) : AC(193)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

---

# Metabolic Diseases (AC 1) (CK 10)

## The ketogenic diet was beneficial for patients with GLUT-1 deficiency syndrome.

**Pubmed Data** : Seizure. 2016 Jan 14 ;35:83-87. Epub 2016 Jan 14. PMID: **26803281**

**Article Published Date** : Jan 13, 2016

**Authors** : Hannah R Kass, S Parrish Winesett, Stacey K Bessone, Zahava Turner, Eric H Kossoff

**Study Type** : Human Study
**Additional Links**
**Diseases** : Epilepsy : CK(244) : AC(60) , Metabolic Diseases : CK(308) : AC(3)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

# Mitochondrial Diseases (AC 1) (CK 1)

## The ketogenic diet may have therapeutic value in neuromuscular and neurodegenerative Diseases.

**Pubmed Data** : Biomed Res Int. 2014 ;2014:474296. Epub 2014 Jul 3. PMID: **25101284**

**Article Published Date** : Dec 31, 2013

**Authors** : Antonio Paoli, Antonino Bianco, Ernesto Damiani, Gerardo Bosco

**Study Type** : Review

**Additional Links**

**Diseases** : Alzheimer's Disease : CK(1677) : AC(168) , Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132), Mitochondrial Diseases : CK(157) : AC(57) , Neurodegenerative Diseases : CK(3308) : AC(816), Parkinson's Disease : CK(918) : AC(85)

**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

# Multiple Sclerosis: Relapsing-Remitting (AC 1) (CK 2)

## A diet mimicking fasting promotes regeneration and reduces autoimmunity and multiple sclerosis symptoms.

**Pubmed Data** : Cell Rep. 2016 Jun 7 ;15(10):2136-46. Epub 2016 May 26. PMID: **27239035**

**Article Published Date** : Jun 06, 2016

**Authors** : In Young Choi, Laura Piccio, Patra Childress, Bryan Bollman, Arko Ghosh, Sebastian Brandhorst, Jorge Suarez, Andreas Michalsen, Anne H Cross, Todd E Morgan, Min Wei, Friedemann Paul, Markus Bock, Valter D Longo

**Study Type** : Animal Study

**Additional Links**

**Diseases** : Autoimmune Diseases : CK(6200) : AC(880) , Multiple Sclerosis: Relapsing-Remitting : CK(92) : AC(1)

**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) ,

Fasting/Caloric Restriction : CK(235) : AC(52)
**Additional Keywords** : Dietary Modification : CK(287) : AC(33)

# Narcolepsy (AC 1) (CK 10)

## A low-carbohydrate, ketogenic reduces narcolepsy symptoms.

**Pubmed Data** : Neurology. 2004 Jun 22;62(12):2300-2. PMID: **15210901**

**Article Published Date** : Jun 22, 2004

**Authors** : A M Husain, W S Yancy, S T Carwile, P P Miller, E C Westman

**Study Type** : Human Study
**Additional Links**
**Diseases** : Narcolepsy : CK(21) : AC(3)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

# Neuroblastoma (AC 1) (CK 1)

## Dietary manipulation through the elimination of glucose and/or a ketogenic diet may be therapeutic in the treatment of brain ccancer.

**Pubmed Data** : J Pediatr Surg. 2009 Jan;44(1):212-6; discussion 216. PMID: **19159745**

**Article Published Date** : Jan 01, 2009

**Authors** : Robert Skinner, Angelica Trujillo, Xiaojie Ma, Elizabeth A Beierle

**Study Type** : In Vitro Study
**Additional Links**
**Diseases** : Brain Cancer : CK(262) : AC(96) , Neuroblastoma : CK(51) : AC(31)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

# Neurodegenerative Diseases (AC 2) (CK 2)

## The ketogenic diet may have therapeutic value in neuromuscular and neurodegenerative Diseases.

**Pubmed Data** : Biomed Res Int. 2014 ;2014:474296. Epub 2014 Jul 3. PMID: **25101284**

**Article Published Date** : Dec 31, 2013

**Authors** : Antonio Paoli, Antonino Bianco, Ernesto Damiani, Gerardo Bosco

**Study Type** : Review

**Additional Links**

**Diseases** : Alzheimer's Disease : CK(1677) : AC(168) , Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132), Mitochondrial Diseases : CK(157) : AC(57) , Neurodegenerative Diseases : CK(3308) : AC(816), Parkinson's Disease : CK(918) : AC(85)

**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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## The ketogenic diet may have value in ALS.

**Pubmed Data** : Neurol Neurochir Pol. 2011 Jul-Aug;45(4):370-8. PMID: **22101998**

**Article Published Date** : Jun 30, 2011

**Authors** : Sergiusz Jóźwiak, Eric H Kossoff, Katarzyna Kotulska-Jóźwiak

**Study Type** : Review

**Additional Links**

**Diseases** : Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132) , Neurodegenerative Diseases : CK(3308) : AC(816)

**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Neurologic Disorders (AC 2) (CK 4)

## Overview of studies using ketogenic diets to treat various neurological disorders.

**Pubmed Data** : Front Pharmacol. 2012 ;3:59. Epub 2012 Apr 9. PMID: **22509165**

**Article Published Date** : Dec 31, 2011

**Authors** : Carl E Stafstrom, Jong M Rho

**Study Type** : Review
**Additional Links**
**Diseases** : Neurologic Disorders : CK(52) : AC(20)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Neuroprotective Agents : CK(2168) : AC(1013)

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## The ketogenic diet compensates for AGC1 deficiency and improves myelination.

**Pubmed Data** : Epilepsia. 2015 Sep 24. Epub 2015 Sep 24. PMID: **26401995**

**Article Published Date** : Sep 23, 2015

**Authors** : Maria Dahlin, Daniel A Martin, Zandra Hedlund, Monica Jonsson, Ulrika von Döbeln, Anna Wedell

**Study Type** : Human: Case Report
**Additional Links**
**Diseases** : Aspartate-glutamate carrier (AGC1) Deficiency : CK(3) : AC(1), Epilepsy: Infant : CK(10) : AC(1), Neurologic Disorders : CK(52) : AC(20) , Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Neuroprotective Agents : CK(2168) : AC(1013)
**Additional Keywords** : Significant Treatment Outcome : CK(2720) : AC(334)

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# Parkinson's Disease (AC 3) (CK 13)

## A ketogenic diet has anticonvulsant and neuroprotective effects.

**Pubmed Data** : Przegl Lek. 2010;67(3):205-12. PMID: **20687386**

**Article Published Date** : Jan 01, 2010

**Authors** : Tomasz Choragiewicz, Iwona Zarnowska, Maciej Gasior, Tomasz Zarnowski

**Study Type** : Human Study
**Additional Links**
**Diseases** : Parkinson's Disease : CK(918) : AC(85)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30) , Neuroprotective Agents : CK(2127) : AC(919)

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## The ketogenic diet may have therapeutic value in neuromuscular and neurodegenerative Diseases.

**Pubmed Data** : Biomed Res Int. 2014 ;2014:474296. Epub 2014 Jul 3. PMID: **25101284**

**Article Published Date** : Dec 31, 2013

**Authors** : Antonio Paoli, Antonino Bianco, Ernesto Damiani, Gerardo Bosco

**Study Type** : Review
**Additional Links**
**Diseases** : Alzheimer's Disease : CK(1677) : AC(168) , Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132), Mitochondrial Diseases : CK(157) : AC(57) , Neurodegenerative Diseases : CK(3308) : AC(816), Parkinson's Disease : CK(918) : AC(85)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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## The ketogenic diet was neuroprotective and anti-inflammatory against MPTP-neurotoxicity.

**Pubmed Data** : J Mol Neurosci. 2010 Oct ;42(2):145-53. Epub 2010 Mar 24. PMID: **20333481**

**Article Published Date** : Sep 30, 2010

**Authors** : Xinxin Yang, Baohua Cheng

**Study Type** : Animal Study
**Additional Links**
**Diseases** : Alzheimer's Disease : CK(1677) : AC(168) , Amyotrophic lateral sclerosis (ALS) : CK(547) : AC(132), Brain: Microglial Activation : CK(78) : AC(47) , Parkinson's Disease : CK(918) : AC(85)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Neuroprotective Agents : CK(2127) : AC(919)
**Problem Substances** : Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) : CK(1588) : AC(134)

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# Prostate Cancer (AC 1) (CK 2)

## A low carbohydrate/ketogenic diet inhibits prostate cancer progression in an animal model.

**Pubmed Data** : BJU Int. 2012 Mar 6. Epub 2012 Mar 6. PMID: **22394625**

**Article Published Date** : Mar 06, 2012

**Authors** : Howard S Kim, Elizabeth M Masko, Susan L Poulton, Kelly M Kennedy, Salvatore V Pizzo, Mark W Dewhirst, Stephen J Freedland

**Study Type** : Transgenic Animal Study
**Additional Links**
**Diseases** : Prostate Cancer : CK(1342) : AC(311)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)

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# Rett Syndrome (AC 1) (CK 10)

## Calorically restricted diets could be effective in reducing the anxiety and in improving motor behavior in girls with Rett Syndrome.

**Pubmed Data** : Epilepsy Behav. 2009 Jun;15(2):133-41. Epub 2009 Feb 26. PMID: 19249385

**Article Published Date** : Jun 01, 2009

**Authors** : John G Mantis, Christie L Fritz, Jeremy Marsh, Stephen C Heinrichs, Thomas N Seyfried

**Study Type** : Human Study
**Additional Links**
**Diseases** : Autism Spectrum Disorders : CK(1448) : AC(156) , Rett Syndrome : CK(20) : AC(2)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43) , Fasting/Caloric Restriction : CK(235) : AC(52)

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# Seizures (AC 5) (CK 29)

## "Efficacy of the ketogenic diet for intractable seizure disorders: review of 58 cases."

**Pubmed Data** : Epilepsia. 1992 Nov-Dec;33(6):1132-6. PMID: 1464275

**Article Published Date** : Oct 31, 1992

**Authors** : S L Kinsman, E P Vining, S A Quaskey, D Mellits, J M Freeman

**Study Type** : Human: Case Report
**Additional Links**
**Diseases** : Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

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## The ketogenic diet compensates for AGC1 deficiency and improves myelination.

**Pubmed Data** : Epilepsia. 2015 Sep 24. Epub 2015 Sep 24. PMID: 26401995

**Article Published Date** : Sep 23, 2015

**Authors** : Maria Dahlin, Daniel A Martin, Zandra Hedlund, Monica Jonsson, Ulrika von Döbeln, Anna Wedell

**Study Type** : Human: Case Report
**Additional Links**
**Diseases** : Aspartate-glutamate carrier (AGC1) Deficiency : CK(3) : AC(1), Epilepsy: Infant : CK(10) : AC(1), Neurologic Disorders : CK(52) : AC(20) , Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Pharmacological Actions** : Neuroprotective Agents : CK(2168) : AC(1013)
**Additional Keywords** : Significant Treatment Outcome : CK(2720) : AC(334)

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## The ketogenic diet could represent an effective treatment to support brain function in selected cases of congenital hyperinsulinism.

**Pubmed Data** : Orphanet J Rare Dis. 2015 ;10(1):120. Epub 2015 Sep 24. PMID: **26399329**

**Article Published Date** : Dec 31, 2014

**Authors** : Arianna Maiorana, Lucilla Manganozzi, Fabrizio Barbetti, Silvia Bernabei, Giorgia Gallo, Raffaella Cusmai, Stefania Caviglia, Carlo Dionisi-Vici

**Study Type** : Human: Case Report
**Additional Links**
**Diseases** : Congenital Disorders : CK(3) : AC(1) , Hyperinsulinism : CK(251) : AC(56) , Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(249) : AC(43)
**Additional Keywords** : Significant Treatment Outcome : CK(2720) : AC(334)

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## Three to 6 years after initiation, the ketogenic diet had proven to be effective in the control of difficult-to-control seizures in children.

**Pubmed Data** : Pediatrics. 2001 Oct ;108(4):898-905. PMID: **11581442**

**Article Published Date** : Sep 30, 2001

**Authors** : C Hemingway, J M Freeman, D J Pillas, P L Pyzik

**Study Type** : Human Study
**Additional Links**
**Diseases** : Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

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## Treatment with ketogenic diet resulted in a marked improvement in seizures and cognitive functions.

**Pubmed Data** : Neuropediatrics. 2015 Oct ;46(5):313-20. Epub 2015 Aug 12. PMID: **26267703**

**Article Published Date** : Sep 30, 2015

**Authors** : Hakan Gumus, Ayşe Kaçar Bayram, Fatih Kardas, Mehmet Canpolat, Ahmet Okay Çağlayan, Sefer Kumandas, Mustafa Kendirci, Huseyin Per

**Study Type** : Human Study
**Additional Links**
**Diseases** : Glucose Transporter 1 Deficiency Syndrome : CK(10) : AC(0) , Seizures : CK(148) : AC(33)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)
**Pharmacological Actions** : Anticonvulsants : CK(216) : AC(30)

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# Tuberous Sclerosis (AC 1) (CK 10)

## A ketogenic diet is an effective therapeutic modality for epilepsy associated with tuberous sclerosis in children.

**Pubmed Data** : Epilepsia. 2005 Oct;46(10):1684-6. PMID: **16190943**

**Article Published Date** : Oct 01, 2005

**Authors** : Eric H Kossoff, Elizabeth A Thiele, Heidi H Pfeifer, Jane R McGrogan, John M Freeman

**Study Type** : Human Study
**Additional Links**
**Diseases** : Epilepsy: Childhood : CK(120) : AC(5) , Tuberous Sclerosis : CK(20) : AC(2)
**Therapeutic Actions** : Dietary Modification: Low Carbohydrate/Ketogenic : CK(315) : AC(52)

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