

**Supplemental Material for:
Studies of Cannabinoid-Based Products in ClinicalTrials.gov: A Scoping Review**

Pharmaceutical Medicine

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Appendix 1. ClinicalTrials.gov Search Details

ClinicalTrials.gov REST API

This application programming interface (API) is made available to provide users metadata, statistics, and the most recent version of the clinical studies available on ClinicalTrials.gov, version: 2.0.0-draft (GET Studies: <https://clinicaltrials.gov/api/v2/studies>).

Intervention Search

Intervention Search Area

This is a default search area for a query entered in the “Intervention/treatment” input field of search form in user interface (UI).

Data fields and their relative weights included in the Intervention Search Area of ClinicalTrials.gov

Data field	Weight	Type
InterventionName	0.95	text ✓
InterventionType	0.85	enumInterventionType
ArmGroupType	0.85	enumArmGroupType
InterventionOtherName	0.75	text ✓
BriefTitle	0.65	text ✓
OfficialTitle	0.6	text ✓
ArmGroupLabel	0.5	text ✓
InterventionMeshTerm	0.5	text ✓
Keyword	0.5	text ✓
InterventionAncestorTerm	0.4	text ✓
InterventionDescription	0.4	markup ✓
ArmGroupDescription	0.4	markup ✓

Operators and Terms Used

“EXPANSION[term]” restricts the search to the provided terms and any related words. Unfortunately, the COVERAGE and EXPANSION operators were not fully implemented on the

modernized ClinicalTrials.gov as of September 2023 and thus additional data cleaning was required to remove related studies.

For example, searching “Sativex” would also bring in Cannabis and Marijuana (hundreds of unrelated results) without the EXPANSION operator. The [term] component of the operator tells the search to include variants of the term, not just the exact form, that is, when searching “cannabinoids,” the [term] operator assures that “cannabinoid” would also be found, though it is missing the “s.”

Fields

Study details

NCTId, OfficialTitle, BriefTitle, StatusModule (OverallStatus, StartDateStruct, CompletionDateStruct, StudyFirstSubmitDate, LastUpdatePostDateStruct, ResultsFirstSubmitDate), DesignModule (StudyType, Phase, DesignInfo, EnrollmentInfo), PrimaryOutcome, LocationCountry, ReferencesModule

Intervention

NCTId, OfficialTitle, ArmsInterventionsModule (ArmGroup, InterventionType, InterventionName, InterventionOtherName, InterventionDescription)

- Additional fields used during initial screening: LeadSponsor, IsFDARegulatedDrug

Sponsor

NCTId, OfficialTitle, SponsorCollaboratorsModule (LeadSponsorName, LeadSponsorClass, CollaboratorName, CollaboratorClass, Organization)

Condition

NCTId, OfficialTitle, ConditionsModule (Condition, Keyword), ConditionBrowseModule (ConditionMeshTerm, ConditionAncestorTerm)

National Clinical Trial IDs used for this report

Parameter	NCTId
Sativex® (nabiximols)	NCT00202423, NCT00391079, NCT00530764, NCT00674609, NCT00675948, NCT00678795, NCT00681538, NCT00702468, NCT00710424, NCT00710554, NCT00711646, NCT00711880, NCT00713323, NCT00713817, NCT00872144, NCT01037608,

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Epidiolex® (cannabidiol)	NCT01217112, NCT01284634, NCT01562314, NCT02006628, NCT02091206, NCT02091375, NCT02224560, NCT02224573, NCT02224690, NCT02224703, NCT02332655, NCT02397863, NCT02544750, NCT02544763, NCT02556008, NCT02564952, NCT02565108, NCT02607891, NCT02607904, NCT02660255, NCT02695537, NCT02700412, NCT02818777, NCT02953548, NCT02954887, NCT03014440, NCT03102918, NCT03848832, NCT03891264, NCT03904849, NCT04105231, NCT04133480, NCT04192370, NCT04231643, NCT04238754, NCT04252586, NCT04387617, NCT04421456, NCT04423341, NCT04428203, NCT04447846, NCT04482244, NCT04485104, NCT04517799, NCT04603391, NCT04642404, NCT04721691, NCT04745026, NCT04749628, NCT04754399, NCT04777643, NCT04878627, NCT04899050, NCT04978428, NCT04982029, NCT04992624, NCT05016349, NCT05023070, NCT05044819, NCT05066308, NCT05132699, NCT05269628, NCT05269706, NCT05288283, NCT05324449, NCT05388058, NCT05485831, NCT05490511, NCT05649059, NCT05651607, NCT05672342, NCT05772429, NCT05823753, NCT05864846, NCT05942911
Cesamet™ (nabilone)	NCT00272207, NCT00380913, NCT00380965, NCT00381199, NCT00381264, NCT00384410, NCT00418678, NCT00480181, NCT00699634, NCT01025700, NCT01035281, NCT01222468, NCT01347762, NCT01517100, NCT02115529, NCT02351882, NCT02802540, NCT02911324, NCT03210766, NCT03251326, NCT03422861, NCT03769896, NCT03773796, NCT04057456, NCT04516057, NCT04801641, NCT04807829, NCT04880278, NCT05180968, NCT05273320, NCT05494437, NCT05742698, NCT05885685
Marinol® (dronabinol)	NCT00000737, NCT00079560, NCT00123201, NCT00153192, NCT00217971, NCT00314808, NCT00316563, NCT00362089, NCT00373503, NCT00418925, NCT00438139, NCT00480441, NCT00490269, NCT00553059, NCT00628706, NCT00642499, NCT00642512, NCT00682929, NCT00743119, NCT00757822, NCT00760695, NCT00812851, NCT00842985, NCT00893074, NCT00946348, NCT00959218, NCT01020019, NCT01024335, NCT01093976, NCT01253408, NCT01302340, NCT01318369, NCT01323569, NCT01380457, NCT01394185, NCT01448772, NCT01551511, NCT01562483, NCT01598207, NCT01598896, NCT01608217, NCT01740960, NCT01755091, NCT01786109, NCT01790555, NCT01832766, NCT01893424, NCT01964404, NCT02069366, NCT02094599, NCT02310347, NCT02460692, NCT02472847, NCT02487381, NCT02492074, NCT02569073, NCT02604992, NCT02608931, NCT02710331, NCT02792257,

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Tetrahydro-cannabinol	NCT00176163, NCT00373399, NCT00377468, NCT00678730, NCT00982982, NCT01180374, NCT01591629, NCT01592409, NCT01595620, NCT02102113, NCT02112292, NCT02283281, NCT02291536, NCT02291562, NCT02335060, NCT02404688, NCT02576912, NCT02675842, NCT02683018, NCT02709954, NCT02757313, NCT02781519, NCT02955329, NCT02983695, NCT02983773, NCT03024827, NCT03060993, NCT03106363, NCT03172741, NCT03191084, NCT03206463, NCT03215940, NCT03246113, NCT03398083, NCT03633721, NCT03744091, NCT03832816, NCT04195269, NCT04199468, NCT04201197, NCT04226690, NCT04314804, NCT04704271, NCT04851392, NCT04859296, NCT04920539, NCT04930796, NCT04930809, NCT04989413, NCT04997954, NCT05037487, NCT05052541, NCT05063097, NCT05067387, NCT05115513, NCT05192239, NCT05261321, NCT05267769, NCT05287256, NCT05337033, NCT05389930, NCT05514899, NCT05554146, NCT05644262, NCT05742724, NCT06058702, NCT00176085, NCT00695487, NCT00965809, NCT01149018, NCT02976779, NCT03763851, NCT03782402, NCT04451863, NCT04976738, NCT05041647, NCT05543681
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Cannabis	NCT00046709, NCT00046722, NCT00225407, NCT00238550, NCT00241579, NCT00241592, NCT00248378, NCT00254761,

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NCTId, National Clinical Trial ID.