

# Clinical trials of BNP guided management for heart failure in all type of patients

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## 1 BNP-guided management

Trial	Treatments	Patients	Trials design and methods
<b>BNP-guided management vs control</b>			
<b>PROTECT , 2009</b> [NCT00351390] n=NA follow-up:	natriuretic-peptide-guided therapy versus standard management	patients with NYHA class 2-4 heart failure, LVEF <40% , and history of at least one admission or outpatient diuretic dose increase for heart-failure destabilization in the previous six months	Parallel groups
<b>STARS-BNP , 2007</b> n=110/110 follow-up: 6 mo	BNP-guidance as a supplement to clinical judgment versus traditional approach	patients in NYHA functional class 2-3 with an LVEF <45% ; optimally treated with angiotensin-converting enzyme inhibitors (ACEIs), beta-blockers, and diuretics by CHF specialists	Parallel groups open
<b>BATTLESCARRED , 2009</b> [ANZCTR12605000735651] n=121/122 follow-up: 3y	drug treatment directed by plasma NTproBNP for 2 years versus usual care	patients admitted to hospital for HF	Parallel groups open New Zealand
<b>STARBRITE , 2007</b> [NCT00484770] n=NA follow-up: 3 mo	BNP-guided treatment versus clinically based management	patients in NYHA class 3-4 and with an LVEF <35% ; enrolled prior to discharge following hospitalization for acute decompensation	Parallel groups open
<b>Troughton , 2000</b> n=33/36 follow-up: 9.5 mo (>6 mo)	BNP-guided treatment versus empirical trial-based therapy dictated by clinical acumen6170w	patients with impaired systolic function (leftventricular ejection fraction <40% ) and symptomatic heart failure (New York Heart Association class IIIIV); treated with ACE inhibitors, loop diuretic with or without digoxin	Parallel groups open UK
<b>PRIMA</b> n=174/171 follow-up: 702 days	NT-proBNP guided management versus clinically guided management	Patients admitted for worsening heart failure and with NT-proBNP decreasing during their admission	Parallel groups open the Netherlands
<b>TIME CHF , 2009</b> n=251/248 follow-up:	intensive BNP-guided therapy versus standard symptom-guided therapy	patients with heart failure, with the specific inclusion of patients & iexcl;& Yacute;75 years of age	Parallel groups open
<b>BASEL ongoing</b> [NCT00130611] n=NA follow-up: 3 months	BNP guided diagnostics and initial therapy versus control	patients presenting with acute dyspnea	Parallel groups Open

continued...

<b>Trial</b>	<b>Treatments</b>	<b>Patients</b>	<b>Trials design and methods</b>
van Kraaij <i>ongoing</i> [NCT00149422] n=NA follow-up:	NT-proBNP guided treatment versus control	chronic congestive heart failure	Parallel groups single blind
RABBIT <i>ongoing</i> [NCT00206856] n=NA follow-up:	-	-	

## References

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### STARS-BNP, 2007:

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### BATTLESCARRED, 2009:

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Troughton RW, Frampton CM, Yandle TG, Espiner EA, Nicholls MG, Richards AM Treatment of heart failure guided by plasma aminoterminal brain natriuretic peptide (N-BNP) concentrations. *Lancet* 2000;355:1126-30 [[10791374](#)]

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### TIME CHF, 2009:

### BASEL, :

### van Kraaij, :

### RABBIT, :

Entry terms: enoxaparin, Lovenox, Clexane, acebutolol, Sactal, Monitan, Rhotral, Neptal, spironolactone, Veroshpiron, Verospirone, Spiractin, Spiro-beta, Spirogamma, Spirolang, Spirono-Isis, Spirono Isis, Spironone, Spirospare, Verospiron, Aldactone, Aldactone A, Aquareduct, duraspiron, Espironolactona Alter, Espironolactona Mundogen, Flumach, Frumikal, Jenaspiron, Novo-Spiroton, Novo Spiroton, NovoSpiroton, Practon, Spiro L.U.T., spiro von ct, , alprenolol, amiloride, amiodarone, Amiobeta, Cordarone, Cordarex, Amiodarex, Kordaron, Trangorex, Amiodarona, Amiohexal, Braxan, Corbionax,

Ortacrone, Rytmarone, Tachydaron, Aratac, amrinone, apixaban, BMS 562247, BMS562247, BMS-562247, Eliquis, , aspirin, atenolol, beraprost, TRK 100, TRK-100, beraprost sodium, , benazepril, bezafibrate, Befibrat, Beza-Lande, Beza Lande, BezaLande, Beza-Puren, Beza Puren, BezaPuren, Bezabeta, Bezacur, Bezafibrat PB, Bezafisal, Bezalip, Eulitop, Bezamerck, durabezur, BM-15.075, BM 15.075, BM15.075, Cedur, Difaterol, Bfizal, Lipox, Reducterol, Regadrin B, Sklerofibrat, Solibay, Azufibrat, , fluorescent bezafibrate, DNS-X, , bisoprolol, Bisoprolol Hydrochloride, Bisoprolol Methanesulfonate Salt, EMD-33512, EMD 33512, EMD33512, CL-297939, CL 297939, CL297939, Concor, Bisoprolol Fumarate, , bivalirudin, Hirulog-1 Hirulog Angiomax, bucindolol, bucindolol, bucindolol hydrochloride, MJ 13105, , candesartan, candesartan cilexetil, TCV 116, TCV-116, Atacand, Blopress, Kenzen, Amias, Parapres, candesartan, CV 11974, CV11974, CV-11974, , carvedilol, carvedilol, Querto, Coreg, Dilatrend, Kredex, Coropres, Eucardic, BM 14190, BM-14190, cerivastatin, Baycol, Lipobay, cholestyramine, Cholestyramine Resin, Colestyramin, Colestyramins, Colestyramine, Colestyramines, Cholestyramine, Cholestyramines, Questran, Questrans, Quantalan, Quantalans, Cuemid, Cuemids, MK-135, MK 135, MK135, , clarithromycin, clopidogrel, Plavix, Iscover, colestipol, Colestipol, Colestipol Hydrochloride, Colestipol HCl, Colestid, , coumadin, dabigatran, Pradaxa, Pradax, hydralazine, Hydralazine, Hydralazin, Hydrazinophthalazine, Apressin, Nepresol, Hydralazine mono-Hydrochloride, Hydralazine mono Hydrochloride, Apressoline, Apresoline, Hydralazine Hydrochloride, , idraparinux, idraparinux, , iloprost, indapamide, irbesartan, Aprovel, Avapro, Karvea, isradipine, ivabradine, ivabradine, Corlanor, Procorolan, S 16257-2, S-16257-2, S-16260-2, S 16260-2, S 16257, S-16257, , lanoteplase, SUN 9216, SUN9216, SUN-9216, lanoteplase, , lidocaine, lisinopril, Lisinopril, Lysinopril, Zestril, Prinivil, MK-521, , losartan, 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Vastarel, Idaptan, Trimetazidine Irex, Vasartel, Trimetazidine Dihydrochloride, , urokinase, Urokinase-Type Plasminogen Activator, Urokinase Type Plasminogen Activator, U-Plasminogen Activator, U Plasminogen Activator, U-PA, Urinary Plasminogen Activator, Urokinase, Renokinase, Abbokinase, Kidney Plasminogen Activator, Single-Chain Urokinase-Type Plasminogen Activator, Single Chain Urokinase Type Plasminogen Activator, , valsartan, valsartan, Diovan, Tareg, KalpressMiten, Provas, Vals, walsartan, CGP 48933, Nisis, Aventis brand of valsartan, , verapamil, Verapamil, Iproveratril, Cordilox, Dexverapamil, Falicard, Izoptin, Isoptine, Isoptin, Lekoptin, Verapamil Hydrochloride, Calan, Finoptin, , vesnarinone, vesnarinone, OPC 8212, OPC-8212, , vitamin c, vitamin e, warfarin, xamoterol, Xamoterol, Corwin, ICI-118587, ICI 118587, ICI118587, Xamoterol Fumarate, Xamoterol Hemifumarate, Xamoterol Monohydrobromide, Xamoterol Monohydrochloride, Xamtol, Carwin, Xamoterol Maleate (2:1), , ximelagatran, ximelagatran, xi-melagatran, Exanta, H 376 95, H 376-95, , glipizide, Glucotrol, wafarin, Warfarin, Coumadine, Apo-Warfarin, Gen-Warfarin, Warfant, Coumadin, Marevan, Warfarin Potassium, Warfarin Sodium, Aldocumar, Tedicumar, , UFH, thiazid diuretic, sulodexide, reviparin, reviparin, reviparine, reviparin-sodium, reviparin sodium, LU 47311, LU-47311, Clivarin, Abbott brand of reviparin-sodium, Clivarine, ICN brand of reviparin-sodium, , propafenone, Propafenone, Propamerck, Rythmol, Arythmol, Rytmonorm, Norfenon, Pinfoform, Propafenon Minden, Rytmo-Puren, Rytmogenat, Baxarytmon, Cuxafenon, Fenoprain, Jutanorm, Nistaken, Prolecofen, ,, nateglinide, nateglinide, nate-glinide, senaglinide, IPCCPA, AY 4166, AY-4166, DJN 608, Starsis, Starlix, Novartis brand of nateglinide, A 4166, A-4166, Fastic, , nisoldipine, Bay K 5552, , metformin, Metformin, Dimethylguanylguanidine, Dimethylbiguanidine, Glucophage, , glyburide, Glyburide, Glybenclamide, Glibenclamide, Diabeta, Euglucon 5, Neogluconin, HB-419, HB 419, HB419, HB-420, HB 420, HB420, Maninil, Micronase, Daonil, Euglucon N, , 4-transhydroxy glyburide, , Glucovance, Glyburide-metformin, , eptifibatide, Integrilin, Integrelin, PTCA, reteplase,

reteplase, Retavase, Rapilysin, betaxolol, Betaxolol, SL-75212, SL 75212, SL75212, Betoptic, Betoptima, Betaxolol, Oxodal, ALO-1401-02, ALO 1401 02, ALO140102, Betaxolol, atorvastatin, Lipitor, anistreplase, estrogen, thyroxine, policosanol, hydralazine-ISDN, isosorbide dinitrate, pactivibe, epoprostenol, torcetrapib, torcetrapib, CP 529414, CP529414, CP-529414, , catheter ablation, sirolimus eluting stent, CYPHER, , biolimus eluting stent, everolimus eluting stent, XIENCE V, Guidant XIENCE V, Abbott XIENCE V, XIENCE 5, zotarolimus eluting stent, Endeavour, Medtronic Endeavour, albiglutide, albiglutide, , ketanserin, liraglutide, liraglutide, victoza, exenatide, exenatide, bydureon, exendin-4, Ex4 peptide, exendin 4, AC 2993 LAR, Byetta, AC 2993, , sitagliptin, sitagliptin, sitagliptin phosphate, Januvia, MK 0431, MK0431, MK-0431, , amlodipine, abciximab, acenocoumarol, Acenocoumarol, Nicoumalone, Acenocoumarin, Synthrome, Synthrom, Syncoumar, Syncumar, Sinkumar, Sintrom, Mini-Sintrom, Mini Sintrom, MiniSintrom, , alteplase, Tissue Plasminogen Activator, Tissue Activator D-44, Tissue Activator D 44, Tisokinase, Tissue-Type Plasminogen Activator, Tissue Type Plasminogen Activator, TTPA, T-Plasminogen Activator, T Plasminogen Activator, Alteplase, Activase, Actilyse, Lysatec rt-PA, Lysatec rt PA, Lysatec rtPA, , beta carotene, bepridil, Bepridil Monohydrochloride, Vascor, Bedapin, CERM-1978, CERM 1978, CERM1978, 1978-CERM, 1978 CERM, 1978CERM, Cordium, Unicordium, Bepadin, , clofibrate, Ethyl Chlorophenoxyisobutyrate, Atromid, Atromid S, Miscleron, Miskleron, Athromidin, , elinogrel, elinogrel, PRT 060128, PRT060128, PRT-060128, , nesiritide, Brain Natriuretic Peptide, BNP-32, BNP 32, Nesiritide, B-Type Natriuretic Peptide, BNP Gene Product, Type-B Natriuretic Peptide, Type B Natriuretic Peptide, Natriuretic Peptide Type-B, Natriuretic Peptide Type B, Natriuretic Factor-32, Natriuretic Factor 32, Brain Natriuretic Peptide-32, Brain Natriuretic Peptide 32, Natrecor, , phenindione, Phenindione, Phenylindanedione, Phenylene, Pindione, Fenilin, Dindevan, , repaglinide , repa-glinide, AG-EE 388 ZW, NovoNorm, GlucoNorm, Prandin, AG-EE 388, AG-EE 623 ZW, , ticagrelor, Brilique, Brilinta, AZD 6140, AZD6140, AZD-6140, zofenopril, zofenopril, Zofenil, Zofil, SQ 26900, SQ-26900, SQ 26991, SQ-26991, , SQ 26703, zofenopril-SH, zofenopril-SH cpd with arginine, , anacetrapib, MK 0859, MK0859, MK-0859, , atopaxar, betrixaban , PRT054021, , buflomedil, blufomedil, bufomedil, Buflo AbZ, AbZ brand of buflomedil hydrochloride, Buflo-POS, Ursapharm brand of buflomedil hydrochloride, Buflo-Puren, Alpharma brand of buflomedil hydrochloride, Buflohexal, Hexal brand of buflomedil hydrochloride, Buflomedil Heumann, Heumann brand of buflomedil hydrochloride, buflomedil hydrochloride, Buflomedil Lindo, Lindopharm brand of buflomedil hydrochloride, buflomedil pyridoxal phosphate, Buflomedil Stada, Stadapharm brand of buflomedil hydrochloride, buflomedil von ct, ct-Arzneimittel brand of buflomedil hydrochloride, Buflomedil-ratiopharm, ratiopharm brand of buflomedil hydrochloride, Fonzylane, Lafon brand of buflomedil hydrochloride, LL 1656, Loftyl, Bufedil, Lofton, Abbott brand of buflomedil hydrochloride, Sinoxis, Hosbon brand of buflomedil hydrochloride, Buflo 1A Pharma, 1A brand of buflomedil hydrochloride, , folic acid, Folic Acid, Vitamin M, Pteroylglutamic Acid, Folate, Folvite, Folacin, , hydrochlorothiazide , Hydrochlorothiazide, HCTZ, Dichlothiazide, Dihydrochlorothiazide, HydroDIURIL, Oretic, Sectrazide, Esidrix, Esidrex, Hypothiazide, , inogatran, inogatran, N-(2-(2-(((3-((aminoiminomethyl)amino)propyl)amino)carbonyl)-1-piperidinyl)-1-(cyclohexylmethyl)-2-oxo-ethyl)glycine, H 314-27, H314-27, H-314-27, , troglitazone, voglibose, voglibose, Basen, , trapidil, Trapidil, Trapymine, Rocornal, , desdiethyltrapidil, N-dediethyltrapidil, desdiethyltrapidil, , Certoparin, certoparin, certoparin sodium, Mono-Embolex, Novartis brand of certoparin sodium, Alphaparin, Grifols brand of certoparin sodium, , glimepiride, glimepiride, glymepiride, HOE 490, HOE-490, Roname, Amaryl, Amarel, hydroxyglimepiride, hydroxy-glimepiride, , linagliptin, Linagliptin, Tradjenta, BI 1356, BI1356, BI-1356, , taspoglutide, taspoglutide, , mitoglinide, miti-glinide, KAD 1229, KAD-1229, , TAVI, transcatheter aortic valve implantation, , Sibutramine , sibutramine, Meridia, mono-desmethylsibutramine, BTS 54 524, BTS-54524, BTS 54524, Reductil, di-desmethylsibutramine, didesmethylsibutramine, (R)-DDMS, sibutramine hydrochloride, , saxagliptin, saxagliptin, Onglyza, BMS 477118, BMS477118, BMS-477118, , divers, edoxaban, eplerenone, eplerenon, Inspra, fibroblast growth factor, aliskiren , CGP 060536B, CGP060536B, CGP-060536B, Tekturna, SPP100, , alogliptin, SYR 322, SYR322, SYR-322, , Azithromycin, benfluorex, benfluramate, benfluorex maleate, SE 780, 780 SE, JP 992, Mediator trade name of benfluorex hydrochloride, Biopharma brand of benfluorex hydrochloride, Modulator trade name of benfluorex hydrochloride, Servier brand of benfluorex hydrochloride, S 780, benfluorex hydrochloride, 1-(2-trifluoromethylphenyl)-2-(benzoyloxyethyl)aminopropane HCl, , bosentan, Coronary Artery Bypass Surgery, Coronary Artery Bypass, Coronary Artery Bypasses, Coronary Artery Bypass Surgery, Aortocoronary Bypass, Aortocoronary Bypasses, Coronary Artery Bypass Grafting, CABG, cangrelor, AR C69931MX, AR-C69931MX, , caval filter, carotid endarterectomy, Carotid Endarterectomy, Carotid Endarterectomies, , carotid artery stenting, cilostazol, chlorthalidone, Chlorthalidone, Phthalamudine, Chlorphthalidolone, Oxodoline, Thalitone, Hygroton, , dactinomycin eluting stent, defibrotide, disopyramide, dofetilide, dofetilide, 1-(4-methanesulfonamidophenoxy)-2-(N-(4-methanesulfonamidophenethyl)-N-methylamine)ethane, 1-MSPMPE, Tikosyn, UK 68798, , docetaxel, docetaxol, Taxoltere metro, Taxotere, NSC 628503, RP 56976, RP-56976, Ebselen, ebselen, PZ 51, PZ-51, RP 60931, DR 3305, DR-3305, , Enoximone, Fenoximone, Perfan, MDL 19438, MDL-17043, MDL 17043, MDL17043, , enoximone sulfoxide, MDL 17043

sulfoxide, , Exercise Therapy, Exercise Therapy, Exercise Therapies, , Flosequinan, gene therapy, Gene Therapy, DNA Therapy, Somatic Gene Therapy, , ginkgo biloba, Ginkgo biloba, Ginkgo bilobas, Ginko, Ginkos, Ginkgo, Ginkgos, Gingko, Gingkos, Maidenhair Tree, Maidenhair Trees, Gingko biloba, Gingko bilobas, Ginkgophyta, Ginkgophytas, , lacidipine, Lacipil, Lacimen, Caldine, Motens, GR 43659X, GR-43659X, , molsidomine, mibefradil, lorcaserin, olmesartan, olmesartan medoxomil, CS 866, CS-866, Votum, Benicar, Olmetec, , nimodipine, Nimesulide, moricizine, otamixaban, pexelizumab, h5G1.1-scFv, pexelizumab, , Ambrisentan, amitriptyline, Amitriptyline, Tryptine, Amineurin, Amitrip, Amitriptylin Beta, Amitriptylin Desitin, Amitriptylin RPh, Amitriptylin-Neuraxpharm, Amitriptylin Neuraxpharm, Amitriptyline Hydrochloride, Amitrol, Anapsique, Apo-Amitriptyline, Apo Amitriptyline, Damilen, Domical, Laroxyl, Lentizol, Novoprotect, Saroten, Sarotex, Syneudon, Triptafen, Endep, Tryptizol, Elavil, Tryptanol, , Azimilide, Bemiparin, Bupropion, Celecoxib, cilazapril, deltaparin, Dalteparin, Tedelparin, Kabi-2165, Kabi 2165, Kabi2165, Fragmin, Fragmine, Dalteparin Sodium, FR-860, FR 860, FR860, , Diazepam, Diclofenac, Efegetran, efegetran, Me-Phe-Pro-Arg-H, D-methyl-phenylalanyl-prolyl-arginal, GYKI 14766, GYKI-14766, LY 294468, LY-294468, efegetran sulfate, , Enlimomab, etofibrate, etofibrate, Lipo-Merz, Merz brand of etofibrate, Tricerol, Armstrong brand of etofibrate, etofibrate hydrochloride, , levosimendan, simendan, OR-1855, Simadax, dextrosimendan, OR 1259, OR-1259, , Milrinone, lixisenatide , ZP10A peptide, AVE 0010, AVE0010, AVE-0010, Lixisenatide, AQVE-10010, , primary angioplasty, primary ballon angioplasty, primary PTCA, vildagliptin, vildagliptin, (2S)-(((3-hydroxyadamantan-1-yl)amino)acetyl)pyrrolidine-2-carbonitrile, NVP-LAF237, Galvus, , gliclazide, Gliclazide, Glyclazide, Gliklazid, Diamicron, S-1702, S 1702, S1702, S-852, S 852, S852, Diaglyk, Gen-Gliclazide, Gen Gliclazide, Glyade, Novo-Gliclazide, Novo Gliclazide, Diaikron, Diabrezide, , phentermine and topiramate, Qnexa, glimepiride, glargine, vorapaxar, Zontivity, SCH 530348, SCH530348, SCH-530348, , nivolumab, MDX-1106, ONO-4538, BMS-936558, Opdivo, pembrolizumab, lambrolizumab, Keytruda, MK-3475, , ipilimumab, MDX-CTLA-4, Yervoy, DX 010, MDX010, MDX-010, , gefitinib, Iressa, ZD1839, ZD 1839, , paclitaxel, Anzatax, NSC-125973, NSC 125973, NSC125973, Taxol, Taxol A, Bris Taxol, Paxene, Praxel, 7-epi-Taxol, 7 epi Taxol, Onxol, everolimus, SDZ RAD, SDZ-RAD, 40-O-(2-hydroxyethyl)-rapamycin, RAD 001, RAD001, Afinitor, Certican, , pertuzumab, pertuzumab, Perjeta, Omnitarg, trastuzumab emtansine , ado-trastuzumab emtansine, trastuzumab-DM1, trastuzumab-DM1 conjugate, T-DM1 cpd, trastuzumab emtansine, huN901-DM1, Kadcyra, lapatinib , bevacizumab, Avastin, , gemcitabine, gemcitabine, dFdCyd, 2'-deoxy-2'-difluorocytidine, gemcitabine hydrochloride, LY 188011, LY-188011, Gemzar, , toremifene , Toremifene, Toremifene Citrate, Toremifene Citrate (1:1), Fareston, FC-1157a, FC 1157a, FC1157a, , capecitabine , Xeloda, , cisplatin , Cisplatin, cis-Diamminedichloroplatinum(II), Platinum Diamminodichloride, cis-Platinum, cis Platinum, Dichlorodiammineplatinum, cis-Diamminedichloroplatinum, cis Diamminedichloroplatinum, cis-Dichlorodiammineplatinum(II), NSC-119875, Platino, Platinol, Biocisplatinum, Platidiam, , fulvestrant , ICI 182780, ICI-182780, ZM 182780, ZM-182780, Faslodex, , palbociclib , palbociclib, Ibrance, PD 0332991, PD0332991, PD-0332991, anastrozole, anastrozole, anastrozole, ICI D1033, ZD-1033, Zeneca ZD 1033, ZD1033, Arimidex, letrozole, letrozole, Femara, Fmara, CGS 20267, CGS-20267, aminoglutethimide , Aminoglutethimide, Cytadren, Orimeten, formestane , formestane, 4-hydroxyandrostenedione, 4-OHA, Lentaron, CGP-32349, CGP 32 349, CGP 32349, , exemestane , exemestane, FCE 24304, FCE-24304, Aromasil, Aromasin, Aromasine, , fadrozole , Fadrozole, CGS-16949A, CGS 16949A, CGS16949A, Fadrozole Hydrochloride, Fadrozole Monohydrochloride, CGS 020286A, CGS020286A, CGS-020286A, FAD 286, FAD286, FAD-286, , tamoxifen, Tamoxifen, ICI-47699, ICI 47699, ICI47699, Nolvadex, Novaldex, Tamoxifen Citrate, Tomaxithen, Zitazonium, ICI-46474, ICI 46474, ICI46474, Soltamox, ixabepilone , ixabepilone, BMS247550, BMS-247550, BMS 247550, trastuzumab, Herceptin, temsirolimus , Torisel, CCI 779, CCI-779, , alirocumab, alirocumab, REGN727 monoclonal antibody, monoclonal antibody REGN727, SAR236553, Praluent, , evolocumab , AMG 145, evolocumab, AMG-145, Repatha, medroxyprogesterone , Medroxyprogesterone Acetate, Medroxyprogesterone 17-Acetate, Medroxyprogesterone 17 Acetate, Depo-Medroxyprogesterone Acetate, Depo Medroxyprogesterone Acetate, 6-alpha-Methyl-17alpha-hydroxyprogesterone Acetate, 6 alpha Methyl 17alpha hydroxyprogesterone Acetate, Curretab, Cycrin, Depo-Provera, Depo Provera, DepoProvera, Farlutal, Perlutex, Provera, Veramix, Clinovir, Gestapuran, sorafenib, sorafenib, sorafenib N-oxide, 4-(4-(3-(4-chloro-3-trifluoromethylphenyl)ureido)phenoxy)pyridine-2-carboxylic acid methamide-4-methylbenzenesulfonate, BAY 545-9085, BAY-545-9085, sorafenib tosylate, BAY 43-9006, Nexavar, , entinostat , entinostat, SNDX-275, MS 27-275, MS-275, MS 275, MS-27-275, eribulin, B 1939, B-1939, E 7389, E-7389, Halaven, NSC 707389, NSC707389, NSC-707389, B 1793, B-1793, ER-086526, ER086526, ER 086526, ER-86526, , nab-paclitaxel, Abraxane, vinorelbine , vinorelbine, 5'-nor-anhydrovinblastine, Navelbine, vinorelbine tartrate, KW 2307, KW-2307, , intensive blood pressure lowering strategies, intensive treatment, tighter control of blood pressure, low target blood pressure, strict blood pressure control, intensified blood-pressure control, cetuximab, IMC C225, IMC-C225, MAb C225, C225, Erbitux, , erlotinib, Tarceva, CP 358774, CP-358774, OSI-774, axitinib, Inlyta, AG 013736, AG013736, AG-013736, , dovitinib, TKI 258, TKI258, TKI-258, dovitinib, CHIR 258, CHIR258, CHIR-258, , pazopanib, GW 786034B, GW786034B, GW-786034B, GW 780604, GW780604,

GW-780604, Votrient, , sunitinib, Sutent, SU 11248, SU11248, SU-11248, SU011248, SU 011248, SU-011248, , adalimumab , D2E7 Antibody, Humira, certolizumab, Cimzia, Cimzias, CDP870, CDP870s, CDP 870, CDP 870s, , etanercept , TNF Receptor Type II-IgG Fusion Protein, TNF Receptor Type II IgG Fusion Protein, Enbrel, Recombinant Human Dimeric TNF Receptor Type II-IgG Fusion Protein, Recombinant Human Dimeric TNF Receptor Type II IgG Fusion Protein, TNFR-Fc Fusion Protein, TNFR Fc Fusion Protein, TNR-001, TNR001, TNR 001, TNT Receptor Fusion Protein, TNTR-Fc, , golimumab , Simponi, , infliximab , MAb cA2, Monoclonal Antibody cA2, Remicade, , anakinra , Interleukin 1 Receptor Antagonist Protein, Urine-Derived IL1 Inhibitor, Urine Derived IL1 Inhibitor, IL1 Febrile Inhibitor, Urine IL-1 Inhibitor, IL-1Ra, Antril, Kineret, Anakinra, , tocilizumab , tocilizumab, atlizumab, Actemra, , rituximab, Rituxan, MabThera, Zytux, Rituximab, Rituximab CD20 Antibody, Mabthera, IDEC-C2B8 Antibody, IDEC C2B8 Antibody, IDECC2B8 Antibody, IDEC-C2B8, IDEC C2B8, IDECC2B8, GP2013, Rituxan, , tofacitinib, tasocitinib, tofacitinib citrate, Xeljanz, CP690550, CP-690550, CP 690550, , durvalumab, durvalumab, Imfinzi, atezolizumab, MPDL3280A, Tecentriq, RG7446, RG-7446, , pemetrexed , MTA, Pemetrexed Disodium, LY 231514, LY231514, LY-231514, Alimta, , rolofylline , rolofylline, KW 3902, KW-3902, MK 7418, MK7418, MK-7418, , tonapofylline , BG 9928, BG-9928, BG9928, BIO 4683, BIO4683, BIO-4683, BIO 5770, BIO5770, BIO-5770, BIO 8170, BIO8170, BIO-8170, BIO 9002, BIO9002, BIO-9002, tonapofylline, BIO 7505, BIO7505, BIO-7505, , serelaxin, canagliflozin, Invokana, , empagliflozin, BI 10773, BI10773, BI-10773, Jardiance, , dapagliflozin, dapagliflozin, forxiga, BMS 512148, BMS512148, BMS-512148, , avelumab , avelumab, MSB0010718C, , crizotinib , Xalkori, PF-02341066, PF02341066, PF 02341066, , finerenone, BAY 94-8862, finerenone, , olaparib, AZD 2281, AZD2281, AZD-2281, AZD221, Lynparza, , niraparib , 2-(4-(piperidin-3-yl)phenyl)-2H-indazole-7-carboxamide, niraparib hydrochloride, MK 4827, MK4827, MK-4827, , talazoparib , BMN 673, , veliparib , 2-((R)-2-methylpyrrolidin-2-yl)-1H-benzimidazole-4-carboxamide, 2-(2-methylpyrrolidin-2-yl)-1H-benzimidazole-4-carboxamide, ABT 888, ABT888, ABT-888, , bococizumab, bococizumab, , various diuretics, various ACEI, various beta blockers, alectinib, CH5424802, alectinib, RO5424802, , ceritinib, ceritinib, Zykadia, LDK378, , brigatinib, AP26113, brigatinib, , vandetanib , caprelsa, ZD 6474, ZD6474, ZD-6474, vandetanib, Zactima, , motesanib , imetelstat, motesanib, motesanib diphosphate, AMG 706, AMG706, AMG-706, , aflibercept , aflibercept, VEGF Trap-Eye, VEGF Trap - regeneron, VEGF-Trap, AVE 005, AVE005, AVE-005, Zaltrap, ZIV-aflibercept, AVE 0005, AVE0005, AVE-0005, eylea, , osimertinib , osimertinib, Tagrisso, , rucaparib, rucaparib, AG 014699, AG014699, AG-014699, PF-01367338, , various, cabozantinib , cabozantinib, Cometriq, XL 184, XL184 cpd, XL-184, BMS 907351, BMS907351, BMS-907351, , apitolisib , tivozanib , abemaciclib , abemaciclib, LY2835210, LY2385219, Verzenio, ribociclib , ribociclib, LEE011, , vemurafenib, vemurafenib, Zelboraf, R05185426, RG7204, RG-7204, PLX4032, PLX 4032, , combo dabrafenib + trametinib, durvalumab + tremelimumab , ticilimumab, CP 675, P675 cpd, CP-675, CP-675,206, CP-675206, CP675206, CP 675206, , LMWH, ertugliflozin, alectazar, semaglutide, taselisib, alpelisib, carfilzomib, carfilzomib, Kyprolis,

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