UnitedHealthcare Pharmacy
Clinical Pharmacy Programs

Program Number	2023P 1301- 6
Program	Prior Authorization/Notification
Medication	Trikafta® (elexacaftor/tezacaftor/ivacaftor)
P&T Approval Date	11/2019, 11/2020, 3/2021, 7/2021, 7/2022, 6/2023
Effective Date	9/1/2023; Oxford only: N/A

1. Background:

Trikafta is a combination of elexecaftor, tezacaftor and ivacaftor, indicated for the treatment of patients with cystic fibrosis (CF) in patients aged 2 years and older who have at least one F508del mutation in the cystic fibrosis transmembrane conductance regulator (CFTR) gene or a mutation in the CFTR gene that is responsive based on *in vitro* data.

If the patient's genotype is unknown, an FDA-cleared CF mutation test should be used to confirm the presence of at least one F508del mutation or a mutation that is responsive based on *in vitro* data.

Members will be required to meet the coverage criteria below.

2. Coverage Criteria[a]:

A. Initial Authorization

1. **Trikafta** will be approved based upon **all** of the following criteria:

   a. Diagnosis of cystic fibrosis (CF)

   -AND-

   b. Documentation confirming the patient has at least **one** of the following mutations in the CFTR gene:

      (1) F508del mutation
      (2) A mutation that is responsive based on *in vitro* data[1]*

*List of *CFTR* gene mutations that are responsive to Trikafta					
3141del9	*E822K*	*G1069R*	*L967S*	*R117L*	*S912L*
546insCTA	*F191V*	*G1244E*	*L997F*	*R117P*	*S945L*
A46D	*F311del*	*G1249R*	*L1077P*	*R170H*	*S977F*
A120T	*F311L*	*G1349D*	*L1324P*	*R258G*	*S1159F*
A234D	*F508C*	*H139R*	*L1335P*	*R334L*	*S1159P*
A349V	*F508C;S1251N* †	*H199Y*	*L1480P*	*R334Q*	*S1251N*

A455E	*F508del* *	*H939R*	*M152V*	*R347H*	*S1255P*
A554E	*F575Y*	*H1054D*	*M265R*	*R347L*	*T338I*
A1006E	*F1016S*	*H1085P*	*M952I*	*R347P*	*T1036N*
A1067T	*F1052V*	*H1085R*	*M952T*	*R352Q*	*T1053I*
D110E	*F1074L*	*H1375P*	*M1101K*	*R352W*	*V201M*
D110H	*F1099L*	*I148T*	*P5L*	*R553Q*	*V232D*
D192G	*G27R*	*I175V*	*P67L*	*R668C*	*V456A*
D443Y	*G85E*	*I336K*	*P205S*	*R751L*	*V456F*
D443Y;G576A;R668C †	*G126D*	*I502T*	*P574H*	*R792G*	*V562I*
D579G	*G178E*	*I601F*	*Q98R*	*R933G*	*V754M*
D614G	*G178R*	*I618T*	*Q237E*	*R1066H*	*V1153E*
D836Y	*G194R*	*I807M*	*Q237H*	*R1070Q*	*V1240G*
D924N	*G194V*	*I980K*	*Q359R*	*R1070W*	*V1293G*
D979V	*G314E*	*I1027T*	*Q1291R*	*R1162L*	*W361R*
D1152H	*G463V*	*I1139V*	*R31L*	*R1283M*	*W1098C*
D1270N	*G480C*	*I1269N*	*R74Q*	*R1283S*	*W1282R*
E56K	*G551D*	*I1366N*	*R74W*	*S13F*	*Y109N*
E60K	*G551S*	*K1060T*	*R74W;D1270N* †	*S341P*	*Y161D*
E92K	*G576A*	*L15P*	*R74W;V201M* †	*S364P*	*Y161S*
E116K	*G576A;R668C* †	*L165S*	*R74W;V201M; D1270N* †	*S492F*	*Y563N*
E193K	*G622D*	*L206W*	*R75Q*	*S549N*	*Y1014C*
E403D	*G628R*	*L320V*	*R117C*	*S549R*	*Y1032C*
E474K	*G970D*	*L346P*	*R117G*	*S589N*	
E588V	*G1061R*	*L453S*	*R117H*	*S737F*	

* *F508del* is a responsive *CFTR* mutation based on both clinical and *in vitro* data.[1]

† Complex/compound mutations where a single allele of the *CFTR* gene has multiple

mutations; these exist independent of the presence of mutations on the other allele.

-AND-

c. The patient is ≥ 2 years of age

Authorization will be issued for 6 months.

B. Reauthorization

1. **Trikafta** will be approved based on the following criterion:

   a. Documentation of positive clinical response to Trikafta therapy (e.g., improved lung function, stable lung function)

Authorization will be issued for 12 months.

[a] State mandates may apply. Any federal regulatory requirements and the member specific benefit plan coverage may also impact coverage criteria. Other policies and utilization management programs may apply.

3. Additional Clinical Rules:

- Notwithstanding Coverage Criteria, UnitedHealthcare may approve initial and re-authorization based solely on previous claim/medication history, diagnosis codes (ICD-10) and/or claim logic. Use of automated approval and re-approval processes varies by program and/or therapeutic class.
- Medical Necessity, Supply limits may be in place.

4. References:

1. Trikafta [Package Insert]. Boston, MA: Vertex Pharmaceuticals, Inc.; April 2023.

Program	Prior Authorization/Notification – Trikafta (elexacaftor/tezacaftor/ivacaftor)
Change Control	
11/2019	New program
11/2020	Annual review. Updated reference.
3/2021	Updated criteria due to expanded indication approved for additional mutations.
7/2021	Updated criteria due to expanded indication approved for patients 6 years and older.
7/2022	Annal review with no change to coverage criteria. Updated reauthorization duration to 12 months, reference, and added state mandate footnote.
6/2023	Updated criteria due to expanded indication approved for patients two years and older. Simplified reauthorization criteria and updated reference.