



MEDICAL TIPS

K-MET Tablets

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Development of Osteoarthritis in Adults with Type 2 Diabetes Treated with Metformin vs a Sulfonylurea

Baker CK et al., JAMA Network Open. 2023; 6(3): e233646.

- Existing therapeutic options for osteoarthritis (OA) focus on symptom management only, highlighting the need for disease-modifying agents to retard or reverse OA progression.
- Observational studies in humans have supported the use of Metformin in preventing the development of OA and the present study evaluated the association between Metformin vs Sulphonylurea (SU) use and OA incidence.
- Metformin treatment reduced new-onset OA risk by 24.0%, compared to SU.
- A 23.0% decrease in risk of OA progression following Metformin treatment was also found compared to SU.

Metformin may have a protective effect against the development of Osteoarthritis.

