

A **dental adhesive bridge**, also known as a **Maryland bridge** or **resin-bonded bridge**, is a type of dental prosthesis used to replace missing teeth. It is minimally invasive and typically used when only one or two teeth need to be replaced, often in the front of the mouth.

Features:

1. Structure:

- It consists of a false tooth (pontic) that replaces the missing tooth.
- The pontic is attached to adjacent natural teeth using **metal or ceramic wings** bonded to the back surfaces of these teeth with dental adhesive.

2. Material:

- The bridge may be made of porcelain, porcelain fused to metal, or resin composite.

3. Advantages:

- Requires minimal preparation of the adjacent teeth (unlike traditional bridges that need significant reshaping).
- Less invasive compared to other options, such as implants or traditional fixed bridges.
- Cost-effective and faster than implants.

4. Limitations:

- Not as strong as traditional bridges or implants, making it more suitable for low-biting-force areas like the front teeth.
- The adhesive may weaken over time, requiring repair or replacement.

5. Uses:

- Ideal for younger patients or those who want to avoid invasive procedures.
- Temporary or semi-permanent solution before considering implants.