TITLE: A highly efficient radiation treatment Linac for 4pi delivery
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TECHNOLOGY: Device

UTSD: 3270

SUMMARY: This invention is a LINAC head design for high-efficiency 4pi delivery. This design includes a gimbal LINAC head collimator/MLC with combination couch translation to approach large degree non-coplanar beam during radiotherapy treatment.

Currently non-coplanar delivery on LINAC is accomplished through couch kicking, which is inconvenient and could cause a collision.

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